Subscription services are being developed related to the capabilities and resources of the *Tennessee Economic Forecasting System*. This volume illustrates some of the economic information proposed for inclusion as part of a broader package of information and services to aid firms, individuals, and non-state government agencies in their planning and decision-making processes.

Both Annual (to 1992) and Quarterly (to 1985.3) forecasts for Tennessee are included here. Over 250 variables are included for each year of the annual forecast, and more than 150 economic variables are forecast on a quarterly basis. Also included for illustrative purposes are ten years of annual history and ten quarters of historical data for each forecast variable.

Your comments on any aspect of this prospective service are solicited. Firms and individuals outside of state government or in the private sector desiring continued access to detailed forecast information as contained in this volume are encouraged to contact the *Tennessee Economic Forecasting System*, Center for Business and Economic Research, College of Business Administration, The University of Tennessee, Knoxville, Tennessee, 37996-4170 (Telephone 615-974-5441).

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ECONOMIC FORECASTS FOR TENNESSEE

Quarterly from 1983.1 to 1985.3/Annual from 1983 to 1992
Plus Historical Data
Quarterly from 1980.2 to 1982.4/Annual from 1972 to 1982

William F. Fox, Project Director
Tennessee Econometric Model

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FOREWORD

This document contains the complete current detail forecast, along with corresponding historical data, from the Tennessee Economic Forecasting System. Both annual (to 1992) and quarterly (to 1985.3) economic forecasts for the State of Tennessee are included here. These data are consistent with the summary economic forecast data and narrative analysis contained in An Economic Report to the Governor of the State of Tennessee, November 1983, published by and publicly available through the Tennessee State Planning Office (615-741-1676).

Statistical tables are included here in four major sections, each on a different colored paper to aid in reference use. The four major sections are Quarterly Forecast--1983.1 to 1985.3; Annual Forecast--1983 to 1992; Quarterly History--1980.2 to 1982.4; and Annual History--1973 to 1982.

The quarterly and annual state forecasts represent the collective judgement of the staff of the Center for Business and Economic Research, College of Business Administration, at The University of Tennessee, Knoxville, in conjunction with the Quarterly and Annual Tennessee Econometric Model. The national forecast was prepared by Wharton Econometric Forecasting Associates (WEFA) in Philadelphia, Pennsylvania. The quarterly U.S. forecast was released in September 1983, and the annual U.S. forecast is current as of October 1983. The Tennessee forecasts are current as of October (Quarterly) and November (Annual). An array of assumptions, particularly at the national level, condition the analysis. These assumptions and a summary of the forecast are included at the front of this volume.

Firms and individuals outside of state government or in the private sector desiring continued access to detailed forecast information as contained in this volume are encouraged to contact the Tennessee Economic Forecasting System, Center for Business and Economic Research, College of Business Administration, The University of Tennessee, Knoxville, Tennessee, 37996-4170 (Telephone 615-974-5441).

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EXECUTIVE SUMMARY

The Tennessee economy is emerging from the most prolonged recession in the post-World War II time period. Nationally, the recovery began in the fourth quarter of 1982, which was reflected by a seasonally adjusted at annual rate growth of 9.2 percent in constant dollar gross national product (GNP) during the second quarter of 1983. Early signs suggest that Tennessee was slow in responding to this recovery. The unemployment rate in Tennessee was dipping throughout the first half of 1983, but this was attributable to declines in the labor force rather than growth in employment. June 1983 appears to have been the turning point when job growth began to accelerate in Tennessee.

The National Economy-Short Run

The national economic expansion is expected to be anemic compared with previous rebounds, particularly when the duration of the recent economic stagnation is considered. Real GNP in the fourth quarter of 1983 is expected to be 6.4 percent higher than in the fourth quarter of 1982, real GNP is forecast to be 5.4 percent higher in 1984 than in 1983, and 3.1 percent higher in 1985 than 1984. The expansion will be consumer led throughout its duration, and the failure of other components of aggregate demand to support this rebound will keep it moderate.

High real interest rates, for the most part the result of tight monetary policy, are one important reason for the slow rebound.

U.S. monetary policy is expected to remain tight in an effort to control inflation, despite some possible short-run costs in terms of higher unemployment and slower output growth, that is, a slower rebound. A shift to a policy which is more stimulative in the short run may be recommended by some policy makers, but is not anticipated to prevail.

High interest rates will moderate, though not eliminate, the cyclical expansion of interest-sensitive industries. Thus, housing and automobile production will grow at lower paces than might have been anticipated. Business fixed investment will grow slowly, a phenomenon that will affect productivity growth into the future. The clash between large federal deficits and business investment plans will become particularly real by 1985 and will be a substantial reason for the lack of business investment.

The strong U.S. dollar will continue to reduce export demand and support imports in the short run, causing the international sector to be a net drag on the economy. Similarly, efforts to reduce the federal deficit and tax increases at the state/local level will cause the government sector to have a contractionary economic effect.

The Tennessee Economy-Short Run

Though Tennessee swung into the expansion about a quarter later than the U.S., the state's cyclical sensitivity will lead to a relatively strong rebound. The rapid growth in employed people since June and the concomitant decline in unemployment rates is evidence of the response in Tennessee. Real output will average only 2.1 percent higher in 1983 than 1982 because the year's first half was very weak. Output will grow 7.1 percent in 1984 and increase 3.4 percent in 1985. In both years output growth rates in Tennessee will exceed those for the U.S., which are 5.1 and 3.4 percent respectively. The cyclically sensitive manufacturing and construction sectors will show the greatest growth over these years. Other more stable growth sectors, like services which are following an international trend, will continue to expand at strong rates compared with the state's long-term growth pattern. Nominal income is forecast to grow 10.5 percent in 1984 and also during fiscal year 1985.

The unemployment rate is expected to dip slowly over the next several years and is not expected to fall below 9 percent until the end of 1984. Significant increases in the number of proprietors appear to have allowed the unemployment rate to dip particularly rapidly over the past several months, but the drop will not continue at recent trends. This is a typical pattern as unemployment rates fall slowly as an expansion begins, because business firms utilize existing employees more intensively before adding new ones. It is important to remember that changes in the demographic structure of the labor force have increased the low inflation unemployment rate to slightly above 6 percent so the historically high unemployment rates are less burdensome than they appear.

The Long-Run Forecast

The national economic expansion is expected to wind down by the end of 1985, since consumers will be unable to sustain a prolonged expansion by themselves. Nonetheless, constant dollar GNP is forecast to average 2.9 percent growth annually over the next decade, a rate somewhat slower than the 1970's. Productivity growth will increase compared with the earlier decade because of a more mature and better trained labor force providing a greater impetus than before. Output growth rates will fall, however, as increases in the number of employed people decline substantially.

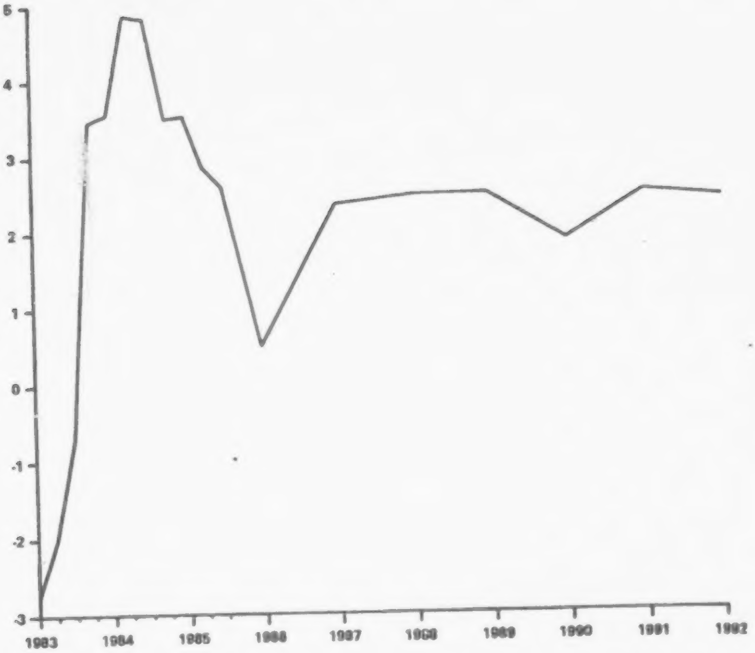
Tennessee output is forecast to average 3.6 percent annual growth between 1983 and 1992. This rate is somewhat higher than the nation's, partly as a reflection of a share in the trend of industrial migration to the Sunbelt. Low costs, particularly for labor, and an available labor force are positive reasons for the more rapid growth rate. Also, measuring growth from the low point of 1983 will tend to exaggerate Tennessee performance relative to the U.S. Rapid growth industries over the entire decade are expected to be manufacturing, trade, and construction, basically because the economy is coming out of prolonged recession. Manufacturing is forecast to absorb a smaller share of nonagricultural jobs in 1992 than in 1979. Government and transportation, communications, and public utilities will tend to grow more slowly than average.

Forecasts for the growth rate in nonagricultural jobs derived from the Quarterly Tennessee Econometric Model and Annual Tennessee Econometric Model are illustrated in Figure 1, on page 5. Rapid growth in jobs is forecast over the next several years, with the peak growth rate occurring during the second quarter of 1984. Noticeable slowdowns in job growth are expected to occur in 1986 and 1990.

Inflation rates are forecast to accelerate slowly between 1983 and 1985. Economic expansion will create the rising rates as tightness will develop in some markets and workers will seek higher wage

FIGURE 1

PERCENT CHANGE IN TENNESSEE NONAGRICULTURAL JOBS
1983-1992



SOURCE: Quarterly Tennessee Econometric Model, 1983.1 – 1985.3, October 1983 Solution; Annual Tennessee Econometric Model, 1986-1992, November 1983 Solution.

concessions. Such wage rate inflation increases will be partly tempered by productivity growth. Interest rates are also expected to increase over this same horizon. This breaks the historical precedent for interest rates to fall in an election year, but reflects our belief that the Federal Reserve System will maintain a tight monetary policy in order to hold down inflation. The real risk to inflation rates is that the Fed will adopt a loose monetary policy in response to political pressures designed to hold down interest rates. If this happens, the inflationary increases will be significant next year and the progress made in eliminating double-digit inflation may be lost. The assumption made here, however, is that the tight monetary policy will hold and, therefore, both interest rates and inflation rates are expected to moderate after 1985.

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Quarterly Tennessee Econometric Model Forecast, First Quarter, 1983 – Fourth Quarter, 1984

1 Selected Economic Indicators (Seasonally Adjusted) 2
2 Comparative Manufacturing Indicators (Seasonally Adjusted) 3
3 Tennessee Personal Income, Seasonally Adjusted Annual Rates (Millions of Dollars) 4
4 Tennessee Nonagricultural Employment (Thousands of Jobs) 5
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QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 1: SELECTED ECONOMIC INDICATORS (SEASONALLY ADJUSTED)

	LAGGED	F O R E C A S T - D A T A										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
US GNP (BIL 72 $)...............	1490.1	1523.4	1552.1	1576.1	1596.5	1611.9	1626.0	1639.8	1651.9	1664.6	1675.0	1485.4	1535.4	1618.6
% CHG PREV QTR SAAR...........	2.56	9.24	7.76	6.33	5.27	3.92	3.54	3.45	2.97	3.12	2.52	-1.88	3.37	5.41
% CHG SAME QTR LAST YR........	0.29	2.29	4.47	6.44	7.14	5.81	4.76	4.04	3.47	3.27	3.01	-1.88	3.37	5.41
US PERS CON DEFL (1972=100).....	210.1	212.7	214.8	217.1	219.9	223.0	226.2	229.5	232.9	236.5	240.2	205.3	213.7	224.7
% CHG PREV QTR SAAR...........	2.12	5.04	4.05	4.25	5.30	5.76	5.95	5.94	5.98	6.34	6.45	5.76	4.08	5.14
% CHG SAME QTR LAST YR........	4.16	4.47	3.83	3.86	4.66	4.84	5.32	5.74	5.91	6.06	6.18	5.76	4.08	5.14
TN PERSONAL INCOME (MIL $)......	42445.	43079.	44065.	45334.	46611.	47628.	48853.	50167.	51419.	52496.	53770.	41156.	43731.	48315.
% CHG PREV QTR SAAR...........	4.93	6.11	9.47	12.02	11.76	9.01	10.69	11.20	10.36	8.65	10.07	5.61	6.26	10.48
% CHG SAME QTR LAST YR........	5.80	5.25	6.07	7.87	9.82	10.56	10.87	10.66	10.31	10.22	10.07	5.61	6.26	10.48
TN PERSONAL INCOME (MIL 72 $)...	20202.	20253.	20512.	20884.	21197.	21358.	21593.	21856.	22079.	22197.	22384.	20046.	20463.	21501.
% CHG PREV QTR SAAR...........	1.87	1.02	5.21	7.45	6.13	3.07	4.47	4.96	4.13	2.17	3.40	-0.14	2.08	5.07
% CHG SAME QTR LAST YR........	1.57	0.74	2.15	3.85	4.93	5.46	5.27	4.65	4.16	3.93	3.66	-0.14	2.08	5.07
US PERSONAL INCOME (BIL 72 $)...	1265.0	1276.8	1298.7	1319.1	1330.3	1339.7	1348.6	1360.9	1372.6	1380.7	1387.7	1256.0	1289.9	1344.9
% CHG PREV QTR SAAR...........	1.80	3.79	7.05	6.42	3.44	2.88	2.67	3.69	3.50	2.37	2.06	0.15	2.70	4.26
% CHG SAME QTR LAST YR........	0.92	1.42	3.69	4.74	5.16	4.93	3.84	3.17	3.18	3.05	2.90	0.15	2.70	4.26
TN NONAGRIC JOBS (THOUS)........	1667.6	1663.7	1689.3	1721.5	1728.9	1744.9	1771.1	1781.7	1789.8	1794.7	1816.8	1688.5	1685.5	1756.7
% CHG PREV QTR SAAR...........	0.92	-0.95	6.32	7.84	1.72	3.77	6.14	2.42	1.81	1.10	5.03	-3.91	-0.18	4.22
% CHG SAME QTR LAST YR........	-2.79	-1.90	0.63	3.47	3.67	4.88	4.84	3.50	3.52	2.85	2.58	-3.91	-0.18	4.22
US NONAGRIC JOBS (MIL)..........	88.8	89.4	90.6	91.3	91.9	92.5	93.1	93.8	94.3	94.8	95.2	89.6	90.0	92.8
% CHG PREV QTR SAAR...........	0.09	2.88	5.14	3.04	3.05	2.53	2.58	2.89	2.19	2.16	1.85	-1.71	0.48	3.13
% CHG SAME QTR LAST YR........	-1.69	-0.54	1.41	2.77	3.52	3.44	2.80	2.76	2.55	2.45	2.27	-1.71	0.48	3.13
TN UNEMPLOYMENT RATE (%)........	12.0	11.7	10.6	10.0	9.9	9.9	9.3	9.3	8.8	9.2	9.0	11.9	11.1	9.6
US UNEMPLOYMENT RATE (%)........	10.4	10.1	9.4	9.1	9.0	8.8	8.6	8.4	8.3	8.1	7.9	9.7	9.7	8.7
TN MFG JOBS (THOUS).............	458.8	461.2	471.4	483.5	485.0	491.5	502.4	507.8	504.8	506.3	512.8	467.9	468.7	496.7
% CHG PREV QTR SAAR...........	1.23	2.11	9.23	10.65	1.25	5.47	9.14	4.38	-2.36	1.19	5.21	-7.99	0.17	5.97
% CHG SAME QTR LAST YR........	-4.89	-1.56	1.69	5.72	5.73	6.59	6.57	5.02	4.07	3.00	2.06	-7.99	0.17	5.97
US MFG JOBS (MIL)...............	18.3	18.5	18.9	19.1	19.2	19.4	19.6	19.7	19.8	19.9	19.9	18.9	18.7	19.5
% CHG PREV QTR SAAR...........	-0.13	5.20	8.48	4.40	3.55	3.65	3.30	3.00	1.45	1.75	0.85	-6.53	-0.99	4.36
% CHG SAME QTR LAST YR........	-6.06	-2.98	1.02	4.44	5.39	5.00	3.72	3.37	2.84	2.37	1.76	-6.53	-0.99	4.36
TN MFG AVE WEEKLY HOURS.........	40.1	40.5	40.5	39.9	40.1	40.1	40.4	40.2	40.6	41.0	41.5	38.6	40.2	40.2
% CHG PREV QTR SAAR...........	11.42	3.88	0.35	-6.36	2.84	-0.28	2.68	-1.32	3.68	3.56	5.14	-3.29	4.24	-0.06
% CHG SAVE QTR LAST YR........	5.91	4.74	4.26	2.12	0.10	-0.92	-0.35	0.96	1.17	2.13	2.74	-3.29	4.24	-0.06
US MFG AVE WEEKLY HOURS.........	39.5	40.1	40.2	40.3	40.4	40.5	40.4	40.4	40.5	40.6	40.8	38.9	40.0	40.4
% CHG PREV QTR SAAR...........	4.95	6.24	1.64	0.78	1.03	0.47	-0.36	-0.78	1.19	1.38	1.38	-2.17	2.79	0.98
% CHG SAME QTR LAST YR........	2.14	2.54	3.12	3.38	2.40	0.98	0.48	0.09	0.13	0.35	0.79	-2.17	2.79	0.98

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 2: COMPARATIVE MANUFACTURING INDICATORS (SEASONALLY ADJUSTED)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TN DURABLE MFG JOBS (THOUS).....	196.6	198.5	203.6	211.8	212.3	216.7	222.7	227.6	225.8	225.7	228.5	202.4	202.6	219.8
% CHG PREV QTR SAAR...........	1.48	3.95	10.69	17.13	1.00	8.45	11.69	8.99	-3.19	-0.07	5.08	-10.36	0.10	8.50
% CHG SAME QTR LAST YR........	-6.64	-2.33	1.79	8.14	8.02	9.17	9.41	7.46	6.33	4.18	2.60	-10.36	0.10	8.50
US DURABLE MFG JOBS (MIL).......	10.6	10.8	11.1	11.2	11.4	11.5	11.7	11.8	11.9	12.0	12.0	11.1	10.9	11.6
% CHG PREV QTR SAAR...........	-0.04	6.45	12.06	5.34	5.49	5.56	4.94	4.46	2.98	2.96	1.58	-8.33	-1.60	6.18
% CHG SAME QTR LAST YR........	-8.19	-4.40	1.01	5.86	7.30	7.07	5.33	5.11	4.48	3.83	2.99	-8.33	-1.60	6.18
TN DURABLES AVE WEEKLY HOURS....	40.6	40.8	41.3	40.6	40.9	40.8	41.1	40.4	40.7	41.0	41.6	39.2	40.8	40.8
% CHG PREV QTR SAAR...........	11.66	1.92	5.43	-6.53	2.73	-1.20	3.06	-6.19	2.24	3.70	5.84	-2.97	4.31	-0.06
% CHG SAME QTR LAST YR........	5.15	4.24	4.96	2.91	0.79	0.01	-0.56	-0.47	-0.59	0.62	1.29	-2.97	4.31	-0.06
US DURABLES AVE WEEKLY HOURS....	39.9	40.5	40.7	40.9	41.0	40.8	40.6	40.4	40.4	40.5	40.6	39.3	40.5	40.7
% CHG PREV QTR SAAR...........	6.25	6.15	1.99	1.98	0.98	-1.94	-1.95	-1.96	0.00	0.99	0.99	-2.30	2.99	0.49
% CHG SAME QTR LAST YR........	2.05	2.53	3.30	4.07	2.76	0.74	-0.25	-1.22	-1.46	-0.74	0.00	-2.30	2.99	0.49
TN NONDUR MFG JOBS (THOUS)......	262.2	262.7	267.9	271.7	272.7	274.9	279.7	280.2	279.0	280.6	284.2	265.5	266.1	276.9
% CHG PREV QTR SAAR...........	1.04	0.74	8.14	5.92	1.45	3.20	7.15	0.82	-1.69	2.21	5.31	-6.11	0.22	4.04
% CHG SAME QTR LAST YR........	-3.54	-0.96	1.62	3.91	4.02	4.65	4.41	3.12	2.32	2.07	1.63	-6.11	0.22	4.04
US NONDUR MFG JOBS (MIL)........	7.6	7.7	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.9
% CHG PREV QTR SAAR...........	-0.26	3.50	3.63	3.07	0.82	0.92	0.92	0.86	-0.81	-0.05	-0.25	-3.82	-0.11	1.78
% CHG SAME QTR LAST YR........	-2.93	-0.91	1.03	2.47	2.75	2.10	1.43	0.88	0.47	0.23	-0.06	-3.82	-0.11	1.78
TN NONDUR AVE WEEKLY HOURS......	39.7	40.3	39.9	39.3	39.5	39.6	39.8	40.1	40.6	40.9	41.4	38.2	39.8	39.8
% CHG PREV QTR SAAR...........	11.23	5.38	-3.44	-6.37	2.93	0.39	2.32	2.80	4.88	3.44	4.58	-3.49	4.19	-0.09
% CHG SAME QTR LAST YR........	6.55	5.14	3.71	1.46	-0.49	-1.69	-0.25	2.11	2.59	3.36	3.92	-3.49	4.19	-0.09
US NONDUR AVE WEEKLY HOURS......	38.9	39.5	39.6	39.5	39.6	40.0	40.2	40.3	40.6	40.8	41.0	38.4	39.4	40.0
% CHG PREV QTR SAAR...........	3.14	6.31	1.02	-1.01	1.02	4.10	2.01	1.00	3.01	1.98	1.97	-1.92	2.54	1.65
% CHG SAME QTR LAST YR........	2.37	2.60	2.86	2.33	1.80	1.27	1.52	2.03	2.53	2.00	1.99	-1.92	2.54	1.65

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 3: TENNESSEE PERSONAL INCOME, SEASONALLY ADJUSTED ANNUAL RATES
(MILLIONS OF DOLLARS)

	LAGGED	FORECAST - DATA									ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL PERSONAL INCOME (CUR).....	42445.	43079.	44065.	45334.	46611.	47628.	48853.	50167.	51419.	52496.	53770.	41156.	43731.	48315.
% CHG PREV QTR SAAR.........	4.03	6.11	9.47	12.02	11.76	9.01	10.69	11.20	10.36	8.65	10.07	5.61	6.26	10.48
% CHG SAME QTR LAST YR......	5.80	5.25	6.07	7.87	9.82	10.56	10.87	10.66	10.31	10.22	10.07	5.61	6.26	10.48
WAGES AND SALARIES............	26397.	26769.	27442.	28316.	29151.	29777.	30565.	31434.	32156.	32868.	33764.	25764.	27231.	30232.
% CHG PREV QTR SAAR.........	6.67	5.76	10.44	13.36	12.32	8.87	11.03	11.86	9.51	9.15	11.36	2.86	5.69	11.02
% CHG SAME QTR LAST YR......	4.01	3.92	5.78	9.02	10.43	11.23	11.38	11.01	10.31	10.38	10.46	2.86	5.69	11.02
OTHER LABOR INCOME............	2788.	2841.	2940.	3042.	3163.	3201.	3298.	3405.	3482.	3551.	3645.	2642.	2903.	3267.
% CHG PREV QTR SAAR.........	8.61	7.76	14.78	14.60	16.92	4.87	12.71	13.51	9.37	8.25	10.93	8.56	9.87	12.54
% CHG SAME QTR LAST YR......	9.81	8.54	9.67	11.39	13.46	12.69	12.18	11.92	10.06	10.94	10.50	8.56	9.87	12.54
PROPRIETORS INCOME............	2061.	2112.	2168.	2240.	2308.	2372.	2431.	2484.	2538.	2592.	2647.	1885.	2145.	2399.
% CHG PREV QTR SAAR.........	6.25	10.26	11.00	13.99	12.76	11.56	10.26	9.04	8.94	8.81	8.73	0.45	13.79	11.82
% CHG SAME QTR LAST YR......	13.74	14.91	16.49	10.34	12.00	12.32	12.14	10.90	9.95	9.26	8.88	0.45	13.79	11.82
RENT INTEREST DIVIDENDS.......	6758.	6854.	6999.	7198.	7432.	7687.	7951.	8227.	8499.	8700.	8916.	6598.	6952.	7824.
% CHG PREV QTR SAAR.........	3.14	5.79	8.74	11.90	13.62	14.43	14.50	14.59	13.91	9.80	10.31	11.54	5.37	12.54
% CHG SAME QTR LAST YR......	5.59	4.02	4.51	7.34	9.97	12.15	13.61	14.29	14.36	13.18	12.13	11.54	5.37	12.54
TRANSFER PAYMENTS.............	6981.	7099.	7201.	7299.	7513.	7625.	7727.	7831.	8086.	8219.	8333.	6702.	7145.	7674.
% CHG PREV QTR SAAR.........	-3.31	6.96	5.83	5.58	12.24	6.11	5.44	5.48	13.68	6.74	5.66	11.16	6.62	7.40
% CHG SAME QTR LAST YR......	9.42	8.17	5.54	3.68	7.62	7.40	7.31	7.28	7.63	7.78	7.84	11.16	6.62	7.40
LESS PERS CONT FOR SOC INS....	2162.	2203.	2280.	2348.	2529.	2592.	2661.	2736.	2846.	2918.	2998.	2064.	2248.	2630.
% CHG PREV QTR SAAR.........	16.28	7.83	14.70	12.56	34.51	10.30	11.10	11.81	16.94	10.56	11.37	5.78	8.95	16.95
% CHG SAME QTR LAST YR......	6.61	6.90	9.40	12.80	16.98	17.65	16.71	16.52	12.51	12.58	12.64	5.78	8.95	16.95
RESIDENCE ADJUSTMENT..........	-377.	-393.	-405.	-413.	-426.	-442.	-459.	-477.	-496.	-515.	-536.	-370.	-397.	-451.
% CHG PREV QTR SAAR.........	7.78	17.61	12.73	9.01	13.14	15.11	16.28	16.92	16.94	16.73	16.69	-3.20	7.19	13.59
% CHG SAME QTR LAST YR......	3.86	5.26	7.88	11.72	13.08	12.47	13.35	15.35	16.31	16.72	16.82	-3.20	7.19	13.59
TOTAL PERSONAL INCOME (72 $)....	20202.	20253.	20512.	20884.	21197.	21358.	21593.	21856.	22079.	22197.	22384.	20046.	20463.	21501.
% CHG PREV QTR SAAR.........	1.87	1.02	5.21	7.45	6.13	3.07	4.47	4.96	4.13	2.17	3.40	-0.14	2.08	5.07
% CHG SAME QTR LAST YR......	1.57	0.74	2.15	3.85	4.93	5.46	5.27	4.65	4.16	3.93	3.66	-0.14	2.08	5.07

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 4: TENNESSEE NONAGRICULTURAL EMPLOYMENT (THOUSANDS OF JOBS)

	LAGGED	F O R E C A S T - D A T A										ANNUAL	
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL	1642.8	1672.8	1693.2	1732.8	1702.7	1754.4	1775.6	1793.6	1762.7	1804.4	1821.7	1688.3	1685.4	1756.6
% CHG SAME QTR LAST YR	-2.77	-1.91	0.59	3.45	3.65	4.88	4.87	3.51	3.52	2.85	2.60	-3.92	-0.17	4.22
MINING	8.8	8.6	8.9	9.8	9.5	10.5	10.6	10.9	10.3	10.6	10.6	9.8	9.0	10.4
% CHG SAME QTR LAST YR	-4.68	-13.13	-12.91	0.00	7.38	22.18	19.36	11.49	8.87	0.59	0.25	-2.08	-7.79	14.96
CONSTRUCTION	60.4	62.9	67.3	67.3	68.2	72.0	76.0	73.7	69.0	77.0	82.0	71.1	64.5	72.5
% CHG SAME QTR LAST YR	-11.18	-15.34	-6.94	-3.34	12.99	14.46	12.91	9.43	1.18	6.90	7.80	-6.71	-9.27	12.40
MANUFACTURING	455.0	462.8	473.4	483.7	481.0	493.3	504.5	508.0	500.6	508.2	514.9	468.0	468.7	496.7
% CHG SAME QTR LAST YR	-4.95	-1.57	1.69	5.73	5.72	6.59	6.57	5.02	4.07	3.00	2.06	-7.99	0.16	5.97
DURABLE GOODS	194.9	199.8	203.7	212.0	210.6	218.1	222.9	227.8	223.9	227.2	228.7	202.4	202.6	219.8
% CHG SAME QTR LAST YR	-6.72	-2.33	1.81	8.12	8.01	9.17	9.41	7.46	6.33	4.18	2.60	-10.35	0.09	8.50
NONDURABLE GOODS	260.1	263.1	269.6	271.7	270.5	275.3	281.6	280.2	276.7	281.0	286.2	265.5	266.1	276.9
% CHG SAME QTR LAST YR	-3.58	-0.98	1.60	3.93	4.00	4.64	4.43	3.12	2.31	2.07	1.64	-6.11	0.21	4.04
TRADE	359.8	362.3	369.2	380.2	365.3	376.4	383.7	393.6	380.8	390.0	396.1	367.5	367.9	379.7
% CHG SAME QTR LAST YR	-1.49	-1.76	0.53	3.13	1.53	3.89	3.93	3.52	4.23	3.61	3.22	-3.26	0.11	3.23
SERVICES	306.6	320.4	326.6	330.9	317.4	335.9	338.7	335.8	332.3	345.4	348.2	313.7	321.1	332.0
% CHG SAME QTR LAST YR	1.97	0.29	1.33	5.92	3.52	4.84	3.72	1.49	4.68	2.82	2.80	3.06	2.36	3.38
FIN, INS, REAL EST	79.3	79.8	79.8	79.1	79.1	80.7	81.5	80.5	80.7	82.0	83.1	79.9	79.5	80.5
% CHG SAME QTR LAST YR	-0.17	-0.95	-0.69	-0.36	-0.16	1.12	2.18	1.84	1.96	1.65	1.88	0.44	-0.54	1.24
TRANS, COMM, PUB UTIL	78.0	80.9	82.2	84.6	84.1	85.9	86.8	86.4	84.3	86.1	87.8	83.0	81.4	85.8
% CHG SAME QTR LAST YR	-6.32	-3.61	-0.85	3.21	7.79	6.23	5.66	2.23	0.20	0.23	1.12	-4.30	-1.92	5.42
GOVERNMENT	294.9	295.0	285.9	297.3	298.0	299.6	293.8	304.6	304.7	305.1	299.2	295.3	293.3	299.0
% CHG SAME QTR LAST YR	-3.32	-1.05	1.22	0.53	1.06	1.54	2.74	2.47	2.24	1.86	1.83	-5.25	-0.70	1.95
FEDERAL, CIVILIAN	61.7	62.7	63.2	61.9	60.0	61.1	62.4	61.7	60.6	61.5	62.8	65.3	62.4	61.3
% CHG SAME QTR LAST YR	-10.27	-4.95	-1.11	-0.86	-2.87	-2.63	-1.37	-0.24	0.98	0.74	0.74	-12.99	-4.44	-1.78
STATE AND LOCAL	233.1	232.3	222.7	235.4	238.0	238.5	231.4	242.9	244.1	243.6	236.3	230.0	230.9	237.7
% CHG SAME QTR LAST YR	-1.30	0.06	1.90	0.91	2.10	2.67	3.91	3.19	2.56	2.14	2.13	-2.80	0.36	2.96

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 5: TENNESSEE DURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF JOBS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	194.9	199.8	203.7	212.0	210.6	218.1	222.9	227.8	223.9	227.2	228.7	202.4	202.6	219.8
% CHG SAME QTR LAST YR......	-6.72	-2.33	1.81	8.12	8.01	9.17	9.41	7.46	6.33	4.18	2.60	-10.35	0.09	8.50
LUMBER AND WOOD...............	14.7	15.5	15.8	15.8	15.5	16.8	17.3	17.2	16.7	17.9	18.0	15.6	15.5	16.7
% CHG SAME QTR LAST YR......	-4.74	-4.70	1.09	4.47	5.25	8.26	9.15	8.98	7.75	6.73	4.15	-9.19	-1.04	7.96
FURNITURE AND FIXTURES........	20.4	20.5	20.5	22.2	21.9	22.2	23.0	23.9	23.1	23.2	23.5	20.5	20.9	22.7
% CHG SAME QTR LAST YR......	-1.13	-0.65	0.97	7.76	7.27	8.17	12.42	7.67	5.62	4.43	2.13	-8.26	1.73	8.85
STONE, CLAY AND GLASS.........	12.0	12.7	12.5	12.9	13.0	13.8	14.2	14.3	14.1	14.6	14.9	12.3	12.5	13.8
% CHG SAME QTR LAST YR......	-1.91	1.60	2.74	6.96	8.09	8.25	13.90	10.65	8.78	6.10	4.41	-12.44	2.33	10.24
PRIMARY METALS................	16.6	16.5	16.7	17.3	16.9	17.8	18.2	18.5	17.9	18.3	18.6	16.5	16.8	17.8
% CHG SAME QTR LAST YR......	-2.93	-1.39	0.22	10.77	1.89	7.61	8.80	6.84	6.19	3.26	2.47	-12.73	1.49	6.29
FABRICATED METALS.............	27.0	27.4	28.0	29.6	28.7	29.1	29.7	31.4	30.3	30.6	30.7	28.7	28.0	29.7
% CHG SAME QTR LAST YR......	-6.90	-3.52	-1.67	2.26	6.19	6.13	6.40	6.17	5.81	4.99	3.20	-10.06	-2.46	6.22
NONELECTRICAL MACHINERY.......	29.7	30.8	31.2	31.1	31.9	33.0	33.4	33.2	34.0	34.3	33.4	31.4	30.7	32.9
% CHG SAME QTR LAST YR......	-13.33	-4.35	2.40	7.86	7.39	7.21	7.09	6.75	6.56	4.09	0.06	-13.57	-2.36	7.10
ELECTRICAL MACHINERY..........	36.4	37.5	38.2	40.4	40.1	41.1	41.8	42.6	41.3	41.5	42.6	37.7	38.1	41.4
% CHG SAME QTR LAST YR......	-5.29	-1.14	1.93	9.55	10.05	9.46	9.34	5.55	3.11	1.04	2.00	-9.03	1.18	8.54
TRANSPORTATION EQUIPMENT......	21.2	21.3	23.1	24.3	24.5	25.3	25.8	26.9	26.6	26.8	26.9	22.5	22.5	25.6
% CHG SAME QTR LAST YR......	-12.86	-5.33	5.86	15.03	15.34	18.87	11.73	10.61	8.81	5.68	4.15	-10.16	0.14	13.97
INSTRUMENTS...................	7.1	7.2	7.3	7.4	7.6	7.8	7.8	8.1	8.3	8.4	8.5	7.6	7.3	7.8
% CHG SAME QTR LAST YR......	-9.70	-6.87	-2.88	2.00	7.22	7.45	8.22	9.62	9.03	8.61	8.10	-6.94	-4.50	8.14
MISCELLANEOUS.................	9.7	10.2	10.5	11.1	10.5	11.2	11.6	11.8	11.3	11.5	11.6	9.6	10.4	11.3
% CHG SAME QTR LAST YR......	1.75	7.75	8.62	14.16	8.02	10.16	10.48	6.11	8.16	2.13	-0.02	-7.63	8.10	8.66

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 6: TENNESSEE NONDURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF JOBS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	260.1	263.1	269.6	271.7	270.5	275.3	281.6	280.2	276.7	281.0	286.2	265.5	266.1	276.9
% CHG SAME QTR LAST YR......	-3.58	-0.98	1.60	3.93	4.00	4.64	4.43	3.12	2.31	2.07	1.64	-6.11	0.21	4.04
FOOD..........................	37.6	37.8	38.5	38.1	37.2	38.5	40.1	38.9	37.7	38.9	40.5	38.3	38.0	38.7
% CHG SAME QTR LAST YR......	0.53	-0.79	-2.00	-0.32	-0.97	1.83	4.09	1.90	1.16	1.05	1.07	0.13	-0.66	1.73
TOBACCO.......................	1.8	1.3	1.3	1.9	1.9	1.2	1.2	1.8	1.8	1.2	1.2	1.6	1.6	1.5
% CHG SAME QTR LAST YR......	-11.29	2.56	4.35	7.50	1.08	-7.20	-4.07	-2.29	-1.28	-0.71	-0.40	-0.00	-0.28	-2.70
TEXTILES......................	24.7	25.3	26.0	26.6	26.9	27.3	27.5	27.7	27.5	27.9	28.1	25.2	25.7	27.3
% CHG SAME QTR LAST YR......	-3.89	-0.65	4.30	7.18	8.72	7.64	5.73	4.02	2.51	2.27	2.04	-4.54	1.67	6.48
APPAREL.......................	63.3	65.2	65.8	65.7	65.2	66.4	66.9	66.7	65.9	67.1	67.3	64.0	65.0	66.3
% CHG SAME QTR LAST YR......	-2.26	2.52	3.20	2.60	2.88	1.93	1.66	1.45	1.21	0.95	0.65	-7.44	1.50	1.97
PAPER.........................	15.1	15.1	16.6	16.6	16.9	17.3	18.1	17.7	17.6	18.0	18.7	16.7	15.9	17.5
% CHG SAME QTR LAST YR......	-11.02	-10.12	-4.91	6.01	11.88	14.85	9.16	6.21	4.64	3.96	3.14	-6.13	-5.20	10.39
PRINTING AND PUBLISHING.......	28.0	28.1	28.4	28.5	28.3	28.4	28.5	28.7	28.6	28.6	28.7	27.3	28.3	28.5
% CHG SAME QTR LAST YR......	1.33	2.68	6.02	4.79	1.06	0.84	0.18	0.84	0.90	0.87	0.67	-1.15	3.68	0.73
CHEMICALS.....................	53.3	53.7	54.9	54.5	54.0	55.3	57.4	56.2	54.9	56.4	58.2	55.8	54.1	55.7
% CHG SAME QTR LAST YR......	-7.47	-5.06	-0.68	1.54	1.32	2.91	4.62	3.12	1.81	1.97	1.26	-4.25	-3.01	3.01
PETROLEUM REFINING............	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7
% CHG SAME QTR LAST YR......	0.00	0.00	6.51	16.42	-3.96	3.31	3.18	3.03	2.87	2.72	2.54	-2.44	5.32	1.39
RUBBER AND PLASTICS...........	18.7	18.9	20.0	21.6	21.9	22.2	22.7	23.4	23.3	23.4	23.6	19.6	19.8	22.5
% CHG SAME QTR LAST YR......	-5.07	-5.98	1.47	13.46	16.95	17.86	13.26	8.24	6.53	5.34	4.20	-8.89	0.83	13.86
LEATHER.......................	16.8	16.9	17.4	17.5	17.6	17.8	18.4	18.5	18.6	18.7	19.2	16.3	17.1	18.1
% CHG SAME QTR LAST YR......	-2.14	8.12	7.05	6.72	5.00	5.78	5.95	5.68	5.19	4.63	4.03	-24.04	4.81	5.61

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 7: TENNESSEE NONAGRICULTURAL EMPLOYMENT (THOUSANDS OF SEASONALLY ADJUSTED JOBS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL	1667.6	1663.7	1689.3	1721.5	1728.9	1744.9	1771.1	1781.7	1789.8	1794.7	1816.8	1688.5	1685.5	1756.7
% CHG PREV QTR SAAR	0.92	-0.95	6.32	7.84	1.72	3.77	6.14	2.42	1.81	1.10	5.03	-3.91	-0.18	4.22
% CHG SAME QTR LAST YR	-2.79	-1.90	0.63	3.47	3.67	4.88	4.84	3.50	3.52	2.85	2.58	-3.91	-0.18	4.22
MINING	9.2	8.8	8.6	9.6	9.8	10.7	10.3	10.7	10.7	10.8	10.3	9.8	9.0	10.4
% CHG PREV QTR SAAR	-16.99	-16.96	-6.44	54.41	10.84	39.84	-15.19	17.55	0.78	1.92	-16.36	-2.05	-7.76	14.95
% CHG SAME QTR LAST YR	-4.66	-12.92	-12.95	-0.10	7.38	22.33	19.36	11.49	8.87	0.59	0.25	-2.05	-7.76	14.95
CONSTRUCTION	66.6	62.4	63.4	65.9	75.1	71.6	71.6	72.1	76.0	76.5	77.2	71.3	64.6	72.6
% CHG PREV QTR SAAR	-8.93	-22.56	6.19	16.63	68.89	-17.59	0.11	2.92	23.44	2.67	3.52	-6.61	-9.38	12.40
% CHG SAME QTR LAST YR	-11.46	-15.16	-6.90	-3.33	12.82	14.58	12.91	9.43	1.18	6.90	7.80	-6.61	-9.38	12.40
MANUFACTURING	458.8	461.2	471.4	483.5	485.0	491.5	502.4	507.8	504.8	506.3	512.8	467.9	468.7	496.7
% CHG PREV QTR SAAR	1.23	2.11	9.23	10.65	1.25	5.47	9.14	4.38	-2.36	1.19	5.21	-7.99	0.17	5.97
% CHG SAME QTR LAST YR	-4.89	-1.56	1.69	5.72	5.73	6.59	6.57	5.02	4.07	3.00	2.06	-7.99	0.17	5.97
DURABLE GOODS	196.6	198.5	203.6	211.8	212.3	216.7	222.7	227.6	225.8	225.7	228.5	202.4	202.6	219.8
% CHG PREV QTR SAAR	1.48	3.95	10.69	17.13	1.00	8.45	11.69	8.99	-3.19	-0.07	5.08	-10.36	0.10	8.50
% CHG SAME QTR LAST YR	-6.64	-2.33	1.79	8.14	8.02	9.17	9.41	7.46	6.33	4.18	2.60	-10.36	0.10	8.50
NONDURABLE GOODS	262.2	262.7	267.9	271.7	272.7	274.9	279.7	280.2	279.0	280.6	284.2	265.5	266.1	276.9
% CHG PREV QTR SAAR	1.04	0.74	8.14	5.92	1.45	3.20	7.15	0.82	-1.69	2.21	5.31	-6.11	0.22	4.04
% CHG SAME QTR LAST YR	-3.54	-0.96	1.62	3.91	4.02	4.65	4.41	3.12	2.32	2.07	1.63	-6.11	0.22	4.04
TRADE	367.6	363.4	367.1	373.3	373.2	377.6	381.5	386.4	389.0	391.2	393.8	367.6	367.9	379.7
% CHG PREV QTR SAAR	6.45	-4.45	4.08	6.91	-0.11	4.81	4.22	5.23	2.68	2.35	2.66	-3.25	0.08	3.21
% CHG SAME QTR LAST YR	-1.51	-1.75	0.53	3.14	1.52	3.89	3.93	3.52	4.23	3.61	3.22	-3.25	0.08	3.21
SERVICES	315.5	315.9	320.6	332.5	326.6	331.1	332.5	337.5	341.9	340.5	341.8	313.7	321.1	331.9
% CHG PREV QTR SAAR	2.03	0.47	6.05	15.80	-6.91	5.65	1.61	6.19	5.35	-1.67	1.54	3.04	2.38	3.37
% CHG SAME QTR LAST YR	1.98	0.28	1.33	5.93	3.52	4.83	3.72	1.49	4.68	2.82	2.80	3.04	2.38	3.37
FIN, INS, REAL EST	80.0	79.5	79.0	79.4	79.9	80.3	80.8	80.9	81.5	81.7	82.3	79.9	79.5	80.5
% CHG PREV QTR SAAR	1.48	-2.78	-2.11	2.05	2.30	2.29	2.09	0.68	2.80	1.05	3.02	0.44	-0.54	1.24
% CHG SAME QTR LAST YR	-0.18	-0.96	-0.67	-0.36	-0.16	1.11	2.18	1.84	1.96	1.65	1.88	0.44	-0.54	1.24
TRANS, COMM, PUB UTIL	79.5	80.8	81.6	83.6	85.7	85.8	86.2	85.5	85.9	86.0	87.2	83.0	81.4	85.8
% CHG PREV QTR SAAR	-7.16	6.47	4.12	10.22	10.48	0.41	1.93	-3.42	1.95	0.54	5.60	-4.29	-1.96	5.44
% CHG SAME QTR LAST YR	-6.33	-3.62	-0.84	3.20	7.79	6.22	5.66	2.23	0.20	0.23	1.12	-4.29	-1.96	5.44
GOVERNMENT	290.5	291.7	297.6	293.6	293.4	296.2	305.9	300.8	300.0	301.7	311.5	295.4	293.3	299.1
% CHG PREV QTR SAAR	-2.23	1.75	8.26	-5.22	-0.23	3.83	13.73	-6.47	-1.11	2.32	13.68	-5.24	-0.68	1.96
% CHG SAME QTR LAST YR	-3.39	-1.07	1.29	0.52	1.02	1.54	2.80	2.46	2.23	1.86	1.85	-5.24	-0.68	1.96
FEDERAL, CIVILIAN	62.5	61.8	62.7	62.5	60.7	60.2	61.9	62.3	61.3	60.7	62.3	65.3	62.4	61.3
% CHG PREV QTR SAAR	-3.21	-4.33	5.72	-1.44	-10.75	-3.32	11.25	3.15	-6.28	-4.25	11.25	-12.98	-4.45	-1.78
% CHG SAME QTR LAST YR	-10.30	-4.93	-1.05	-0.89	-2.88	-2.62	-1.37	-0.24	0.98	0.74	0.74	-12.98	-4.45	-1.78
STATE AND LOCAL	227.9	229.9	234.9	231.1	232.7	236.0	244.0	238.5	238.7	241.0	249.2	230.1	231.0	237.8
% CHG PREV QTR SAAR	-1.95	3.46	8.96	-6.21	2.76	5.76	14.37	-8.79	0.28	4.06	14.30	-2.78	0.39	2.97
% CHG SAME QTR LAST YR	-1.30	0.03	1.93	0.90	2.10	2.66	3.91	3.19	2.56	2.14	2.13	-2.78	0.39	2.97

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 8: TENNESSEE DURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF SEASONALLY ADJUSTED JOBS)

	LAGGED	F O R E C A S T - D A T A										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	196.6	198.5	203.6	211.8	212.3	216.7	222.7	227.6	225.8	225.7	228.5	202.4	202.6	219.8
% CHG PREV QTR SAAR.........	1.48	3.95	10.69	17.13	1.00	8.45	11.69	8.99	-3.19	-0.07	5.08	-10.36	0.10	8.50
% CHG SAME QTR LAST YR......	-6.64	-2.33	1.79	8.14	8.02	9.17	9.41	7.46	6.33	4.18	2.60	-10.36	0.10	8.50
LUMBER AND WOOD...............	15.3	15.1	15.7	15.6	16.1	16.4	17.1	17.2	17.4	17.5	17.8	15.6	15.5	16.7
% CHG PREV QTR SAAR.........	4.44	-4.56	15.46	3.66	7.51	6.54	19.53	3.03	2.74	2.55	8.39	-9.18	-1.07	7.92
% CHG SAME QTR LAST YR......	-4.71	-4.80	1.08	4.51	5.27	8.21	9.15	8.98	7.75	6.73	4.15	-9.18	-1.07	7.92
FURNITURE AND FIXTURES........	20.6	20.6	20.5	21.9	22.1	22.2	23.1	23.5	23.4	23.2	23.6	20.5	20.9	22.7
% CHG PREV QTR SAAR.........	6.77	-1.48	-0.54	28.85	4.93	1.66	16.20	8.40	-2.83	-2.84	6.33	-8.27	1.70	8.85
% CHG SAME QTR LAST YR......	-1.09	-0.71	0.99	7.75	7.29	8.13	12.42	7.67	5.62	4.43	2.13	-8.27	1.70	8.85
STONE, CLAY AND GLASS.........	12.3	12.5	12.5	12.9	13.3	13.5	14.2	14.3	14.5	14.3	14.8	12.3	12.5	13.8
% CHG PREV QTR SAAR.........	9.73	5.35	-1.31	14.85	14.25	5.86	21.16	2.31	6.70	-4.20	13.63	-12.44	2.28	10.21
% CHG SAME QTR LAST YR......	-1.93	1.51	2.76	6.99	8.08	8.20	13.90	10.65	8.78	6.10	4.41	-12.44	2.28	10.21
PRIMARY METALS................	16.6	16.4	16.7	17.3	16.9	17.7	18.2	18.5	17.9	18.3	18.7	16.5	16.8	17.8
% CHG PREV QTR SAAR.........	27.28	-3.53	7.44	14.20	-8.93	20.10	12.20	6.18	-11.12	7.37	8.80	-12.74	1.50	6.30
% CHG SAME QTR LAST YR......	-2.92	-1.35	0.17	10.79	1.89	7.63	8.80	6.84	6.19	3.26	2.47	-12.74	1.50	6.30
FABRICATED METALS.............	27.5	27.6	27.7	29.2	29.2	29.3	29.4	31.0	30.9	30.8	30.4	28.7	28.0	29.7
% CHG PREV QTR SAAR.........	-14.25	2.10	1.03	23.43	-0.08	1.85	2.03	22.39	-1.43	-1.27	-4.75	-10.04	-2.49	6.23
% CHG SAME QTR LAST YR......	-6.87	-3.50	-1.66	2.22	6.20	6.14	6.40	6.17	5.81	4.99	3.20	-10.04	-2.49	6.23
NONELECTRICAL MACHINERY.......	29.4	30.4	31.7	31.3	31.5	32.6	33.9	33.4	33.6	33.9	34.0	31.4	30.7	32.9
% CHG PREV QTR SAAR.........	4.67	15.15	17.85	-4.44	2.34	14.77	17.16	-5.65	1.65	4.46	0.06	-13.63	-2.29	7.10
% CHG SAME QTR LAST YR......	-13.42	-4.29	2.38	7.94	7.33	7.24	7.09	6.75	6.56	4.09	0.06	-13.63	-2.29	7.10
ELECTRICAL MACHINERY..........	36.9	37.2	38.0	40.5	40.6	40.7	41.5	42.8	41.9	41.1	42.3	37.7	38.1	41.4
% CHG PREV QTR SAAR.........	-1.12	3.48	8.51	29.79	0.81	1.06	8.09	12.72	-8.20	-6.82	12.25	-9.00	1.17	8.54
% CHG SAME QTR LAST YR......	-5.21	-1.18	1.89	9.56	10.09	9.45	9.34	5.55	3.11	1.04	2.00	-9.00	1.17	8.54
TRANSPORTATION EQUIPMENT......	21.0	21.2	23.2	24.5	24.3	25.3	26.0	27.1	26.4	26.7	27.0	22.5	22.5	25.6
% CHG PREV QTR SAAR.........	-4.70	3.78	43.05	23.33	-3.03	16.79	11.59	18.42	-9.17	3.93	5.25	-10.20	0.22	13.98
% CHG SAME QTR LAST YR......	-12.71	-5.30	5.79	14.93	15.43	18.89	11.73	10.61	8.81	5.68	4.15	-10.20	0.22	13.98
INSTRUMENTS...................	7.1	7.2	7.3	7.4	7.6	7.7	7.9	8.1	8.3	8.4	8.6	7.6	7.3	7.8
% CHG PREV QTR SAAR.........	-6.29	5.95	7.38	1.61	14.64	6.40	10.68	6.96	12.21	4.74	8.63	-6.96	-4.50	8.15
% CHG SAME QTR LAST YR......	-9.58	-6.95	-2.94	2.02	7.29	7.40	8.22	9.62	9.03	8.61	8.10	-6.96	-4.50	8.15
MISCELLANEOUS.................	9.9	10.2	10.3	11.0	10.7	11.3	11.4	11.7	11.5	11.5	11.4	9.6	10.4	11.3
% CHG PREV QTR SAAR.........	7.88	14.61	3.68	32.25	-13.32	24.11	4.71	12.54	-6.42	-1.33	-3.83	-7.62	8.08	8.67
% CHG SAME QTR LAST YR......	1.77	7.83	8.63	14.11	8.03	10.21	10.48	6.11	8.16	2.13	-0.02	-7.62	8.08	8.67

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 9: TENNESSEE NONDURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF SEASONALLY ADJUSTED JOBS)

	LAGGED	F O R E C A S T - D A T A										ANNUAL	
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS	262.2	262.7	267.9	271.7	272.7	274.9	279.7	280.2	279.0	280.6	284.2	265.5	266.1	276.9
% CHG PREV QTR SAAR	1.04	0.74	8.14	5.92	1.45	3.20	7.15	0.82	-1.69	2.21	5.31	-6.11	0.22	4.04
% CHG SAME QTR LAST YR	-3.54	-0.96	1.62	3.91	4.02	4.65	4.41	3.12	2.32	2.07	1.63	-6.11	0.22	4.04
FOOD	38.5	38.0	37.5	38.2	38.1	38.6	39.0	38.9	38.6	39.1	39.4	38.3	38.0	38.7
% CHG PREV QTR SAAR	1.52	-5.40	-5.07	8.18	-0.95	5.68	3.68	-0.65	-3.80	5.23	3.76	0.13	-0.64	1.70
% CHG SAME QTR LAST YR	0.57	-0.81	-1.98	-0.34	-0.96	1.82	4.09	1.90	1.16	1.05	1.07	0.13	-0.64	1.70
TOBACCO	1.5	1.6	1.6	1.7	1.5	1.5	1.5	1.7	1.5	1.4	1.5	1.6	1.6	1.5
% CHG PREV QTR SAAR	-23.92	27.58	0.42	37.93	-41.32	-8.32	14.11	48.50	-38.86	-6.21	15.57	-0.57	0.56	-3.18
% CHG SAME QTR LAST YR	-11.58	2.82	4.26	7.68	0.91	-7.09	-4.07	-2.29	-1.28	-0.71	-0.40	-0.57	0.56	-3.18
TEXTILES	24.7	25.2	26.0	26.7	26.9	27.2	27.5	27.8	27.5	27.8	28.0	25.2	25.7	27.3
% CHG PREV QTR SAAR	-2.77	8.82	12.22	11.35	2.71	4.41	4.66	4.32	-3.13	3.44	3.73	-4.55	1.66	6.46
% CHG SAME QTR LAST YR	-3.01	-0.73	4.31	7.23	8.71	7.59	5.73	4.02	2.51	2.27	2.04	-4.55	1.66	6.46
APPAREL	64.4	64.6	65.7	65.3	66.3	65.8	66.8	66.3	67.1	66.5	67.2	64.0	65.0	66.3
% CHG PREV QTR SAAR	4.51	0.91	7.12	-2.18	6.13	-2.87	5.91	-2.96	5.10	-3.85	4.65	-7.42	1.49	1.99
% CHG SAME QTR LAST YR	-2.17	2.55	3.20	2.53	2.92	1.95	1.66	1.45	1.21	0.95	0.65	-7.42	1.49	1.99
PAPER	15.4	15.2	16.2	16.7	17.2	17.5	17.7	17.7	18.0	18.1	18.2	16.7	15.9	17.5
% CHG PREV QTR SAAR	-8.78	-4.32	28.91	12.17	13.28	6.41	5.00	0.56	6.73	3.66	1.71	-6.13	-5.23	10.42
% CHG SAME QTR LAST YR	-11.01	-10.05	-4.94	5.99	11.89	14.90	9.16	6.21	4.64	3.96	3.14	-6.13	-5.23	10.42
PRINTING AND PUBLISHING	28.0	28.2	28.4	28.5	28.3	28.4	28.5	28.8	28.5	28.6	28.6	27.3	28.3	28.5
% CHG PREV QTR SAAR	11.35	2.83	3.52	1.86	-3.88	2.02	0.85	4.56	-3.66	1.89	0.05	-1.16	3.68	0.73
% CHG SAME QTR LAST YR	1.28	2.68	6.01	4.82	1.04	0.84	0.18	0.84	0.90	0.87	0.67	-1.16	3.68	0.73
CHEMICALS	53.1	53.5	55.0	54.9	53.8	55.0	57.5	56.6	54.8	56.1	58.2	55.8	54.1	55.7
% CHG PREV QTR SAAR	-6.74	2.68	11.80	-0.67	-7.67	9.40	19.41	-6.24	-12.28	10.06	16.13	-4.26	-3.00	3.00
% CHG SAME QTR LAST YR	-7.51	-5.07	-0.65	1.55	1.29	2.91	4.62	3.12	1.81	1.97	1.26	-4.26	-3.00	3.00
PETROLEUM REFINING	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
% CHG PREV QTR SAAR	92.02	-17.58	11.85	4.25	-12.09	11.02	11.39	3.64	-12.63	10.40	10.61	-2.45	5.32	1.31
% CHG SAME QTR LAST YR	-0.34	-0.05	6.67	16.55	-4.13	3.29	3.18	3.03	2.87	2.72	2.54	-2.45	5.32	1.31
RUBBER AND PLASTICS	18.9	18.9	19.9	21.5	22.1	22.2	22.6	23.3	23.5	23.4	23.5	19.6	19.8	22.6
% CHG PREV QTR SAAR	-2.01	-0.51	24.87	36.00	10.91	2.46	6.49	13.44	4.07	-2.07	1.97	-8.88	0.82	13.88
% CHG SAME QTR LAST YR	-4.98	-5.97	1.45	13.43	17.00	17.86	13.26	8.24	6.53	5.34	4.20	-8.88	0.82	13.88
LEATHER	17.1	17.0	17.0	17.5	17.9	18.0	18.0	18.5	18.9	18.8	18.7	16.3	17.1	18.1
% CHG PREV QTR SAAR	16.56	-1.77	-0.61	13.51	9.96	1.33	-0.36	12.35	7.92	-0.79	-2.62	-23.97	4.81	5.64
% CHG SAME QTR LAST YR	-2.01	8.32	6.96	6.61	5.07	5.88	5.95	5.68	5.19	4.63	4.03	-23.97	4.81	5.64

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 10: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 DOLLARS)

	LAGGED	FORECAST - DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	3.68	3.67	3.70	3.69	3.83	3.76	3.75	3.75	3.81	3.78	3.78	3.61	3.68	3.77
% CHG SAME QTR LAST YR........	2.17	1.86	2.76	1.73	4.14	2.51	1.36	1.45	-0.45	0.53	0.96	0.70	2.13	2.36
LUMBER AND WOOD.................	2.59	2.61	2.64	2.65	2.75	2.71	2.70	2.71	2.76	2.74	2.75	2.53	2.62	2.72
% CHG SAME QTR LAST YR........	1.21	2.82	7.61	3.59	6.09	3.68	2.44	2.41	0.43	1.28	1.59	0.04	3.77	3.64
FURNITURE AND FIXTURES..........	2.88	2.85	2.88	2.88	2.98	2.93	2.92	2.93	2.98	2.95	2.95	2.85	2.87	2.94
% CHG SAME QTR LAST YR........	0.72	-0.10	1.81	1.25	3.57	2.92	1.64	1.61	-0.28	0.60	0.97	1.32	0.92	2.43
STONE, CLAY AND GLASS...........	4.41	4.41	4.47	4.49	4.71	4.61	4.60	4.62	4.72	4.67	4.68	4.37	4.45	4.64
% CHG SAME QTR LAST YR........	-1.37	-0.82	5.14	4.29	6.85	4.58	2.89	2.81	0.26	1.34	1.76	-0.82	1.75	4.27
PRIMARY METALS..................	4.41	4.41	4.47	4.49	4.71	4.61	4.60	4.62	4.72	4.67	4.68	4.37	4.45	4.64
% CHG SAME QTR LAST YR........	-1.37	-0.82	5.14	4.29	6.85	4.58	2.89	2.81	0.26	1.34	1.76	-0.82	1.75	4.27
FABRICATED METALS...............	3.77	3.74	3.79	3.80	3.92	3.88	3.87	3.88	3.93	3.91	3.91	3.75	3.78	3.89
% CHG SAME QTR LAST YR........	1.74	0.30	1.14	-0.03	4.08	3.50	2.21	1.98	0.31	0.89	1.09	1.06	0.78	2.94
MACHINERY.......................	3.51	3.52	3.53	3.53	3.55	3.55	3.55	3.56	3.56	3.57	3.57	3.43	3.52	3.55
% CHG SAME QTR LAST YR........	2.68	2.66	2.93	2.46	0.93	0.79	0.71	0.67	0.52	0.46	0.46	-1.44	2.68	0.78
INSTRUMENTS.....................	3.24	3.22	3.22	3.21	3.23	3.22	3.22	3.23	3.24	3.24	3.24	3.15	3.22	3.23
% CHG SAME QTR LAST YR........	1.68	3.48	2.37	1.65	-0.08	0.04	0.18	0.64	0.26	0.55	0.70	3.50	2.29	0.19

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 11: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 DOLLARS)

	LAGGED	FORECAST-DATA									ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	3.39	3.39	3.37	3.39	3.44	3.46	3.44	3.49	3.54	3.55	3.54	3.39	3.38	3.46
% CHG SAME QTR LAST YR........	0.22	-0.64	0.10	0.08	1.47	2.09	2.11	2.91	2.91	2.72	2.72	0.89	-0.06	2.14
FOOD............................	3.59	3.61	3.66	3.68	3.71	3.70	3.63	3.70	3.82	3.78	3.69	3.61	3.64	3.69
% CHG SAME QTR LAST YR........	-1.92	-2.07	3.55	3.44	3.29	2.65	-0.87	0.47	2.96	2.04	1.71	2.61	0.71	1.37
TEXTILES........................	2.73	2.74	2.75	2.77	2.81	2.82	2.81	2.84	2.89	2.90	2.88	2.72	2.75	2.82
% CHG SAME QTR LAST YR........	0.38	0.48	1.60	1.98	2.86	2.71	2.06	2.57	2.92	2.76	2.68	-0.02	1.11	2.55
APPAREL.........................	2.36	2.31	2.32	2.33	2.34	2.34	2.35	2.35	2.36	2.36	2.37	2.35	2.33	2.34
% CHG SAME QTR LAST YR........	-0.59	-2.09	0.47	-0.42	-0.99	1.18	1.11	1.08	1.03	0.96	0.90	-1.81	-0.67	0.59
PAPER...........................	4.47	4.46	4.34	4.40	4.43	4.43	4.38	4.48	4.54	4.53	4.50	4.35	4.42	4.43
% CHG SAME QTR LAST YR........	4.17	4.15	0.00	-2.37	-0.81	-0.66	0.99	1.97	2.47	2.41	2.54	1.01	1.43	0.36
CHEMICALS.......................	4.61	4.62	4.60	4.62	4.67	4.68	4.67	4.72	4.80	4.80	4.78	4.54	4.61	4.69
% CHG SAME QTR LAST YR........-	4.30	1.50	0.34	0.34	1.40	1.35	1.49	2.33	2.69	2.56	2.50	1.27	1.60	1.64
RUBBER..........................	3.98	3.88	3.96	4.04	4.00	3.98	3.98	4.00	3.96	3.95	3.95	3.87	3.96	3.99
% CHG SAME QTR LAST YR........	2.37	1.15	3.97	2.53	0.57	2.57	0.56	-0.98	-1.06	-0.91	-0.76	4.61	2.50	0.66
LEATHER.........................	2.57	2.58	2.59	2.59	2.62	2.63	2.64	2.66	2.70	2.71	2.71	2.60	2.58	2.64
% CHG SAME QTR LAST YR........	0.07	-2.20	-0.71	0.42	1.84	2.15	2.13	2.66	2.84	2.70	2.61	-1.94	-0.61	2.20

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 12: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS
(1972 SEASONALLY ADJUSTED DOLLARS)

	LAGGED	FORECAST - DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	3.67	3.66	3.71	3.70	3.82	3.75	3.76	3.75	3.81	3.77	3.79	3.61	3.68	3.77
% CHG PREV QTR SAAR...........	3.97	-1.42	5.47	-0.87	14.12	-7.70	1.07	-0.49	5.81	-4.01	2.81	0.70	2.12	2.34
% CHG SAME QTR LAST YR........	2.17	1.82	2.73	1.74	4.14	2.44	1.36	1.45	-0.45	0.53	0.96	0.70	2.12	2.34
LUMBER AND WOOD.................	2.57	2.60	2.69	2.63	2.72	2.70	2.76	2.69	2.73	2.73	2.80	2.53	2.62	2.72
% CHG PREV QTR SAAR...........	4.52	6.21	13.66	-8.83	14.94	-3.09	8.44	-8.94	6.32	0.21	9.78	0.04	3.82	3.62
% CHG SAME QTR LAST YR........	1.22	2.83	7.70	3.56	6.05	3.65	2.44	2.41	0.43	1.28	1.59	0.04	3.82	3.62
FURNITURE AND FIXTURES..........	2.87	2.84	2.89	2.89	2.98	2.92	2.94	2.93	2.97	2.94	2.96	2.85	2.87	2.94
% CHG PREV QTR SAAR...........	3.58	-4.94	7.22	-0.29	13.31	-7.50	2.11	-0.41	5.11	-4.18	3.64	1.32	0.92	2.43
% CHG SAME QTR LAST YR........	0.72	-0.11	1.79	1.29	3.59	2.88	1.64	1.61	-0.28	0.60	0.97	1.32	0.92	2.43
STONE, CLAY AND GLASS...........	4.35	4.37	4.54	4.53	4.65	4.57	4.67	4.65	4.67	4.63	4.75	4.37	4.45	4.64
% CHG PREV QTR SAAR...........	1.07	1.24	16.55	-1.01	11.80	-7.31	9.25	-1.31	1.11	-3.24	11.04	-0.84	1.78	4.26
% CHG SAME QTR LAST YR........	-1.29	-0.93	5.21	4.24	6.90	4.57	2.89	2.81	0.26	1.34	1.76	-0.84	1.78	4.26
PRIMARY METALS..................	4.92	4.82	4.76	4.83	5.07	4.91	4.81	4.90	5.05	4.95	4.86	4.96	4.83	4.92
% CHG PREV QTR SAAR...........	0.13	-7.61	-5.43	6.56	21.03	-11.77	-8.48	7.85	12.95	-7.93	-6.70	2.31	-2.52	1.82
% CHG SAME QTR LAST YR........	-0.02	-2.52	-5.73	-1.74	3.03	1.85	1.02	1.33	-0.41	0.66	1.14	2.31	-2.52	1.82
FABRICATED METALS...............	3.78	3.75	3.80	3.77	3.93	3.89	3.88	3.85	3.95	3.92	3.92	3.75	3.78	3.89
% CHG PREV QTR SAAR...........	0.31	-2.58	4.54	-2.29	18.01	-4.69	-0.70	-3.17	10.47	-2.47	0.09	1.05	0.77	2.95
% CHG SAME QTR LAST YR........	1.73	0.26	1.14	-0.05	4.10	3.53	2.21	1.98	0.31	0.89	1.09	1.05	0.77	2.95
MACHINERY.......................	3.51	3.51	3.53	3.54	3.55	3.54	3.55	3.57	3.56	3.56	3.57	3.43	3.52	3.55
% CHG PREV QTR SAAR...........	6.75	-0.05	1.30	2.10	0.18	-0.60	1.19	1.95	-0.44	-0.81	1.15	-1.44	2.67	0.75
% CHG SAME QTR LAST YR........	2.66	2.59	2.95	2.49	0.88	0.74	0.71	0.67	0.52	0.46	0.46	-1.44	2.67	0.75
INSTRUMENTS.....................	3.17	3.23	3.25	3.23	3.16	3.23	3.25	3.25	3.17	3.25	3.28	3.15	3.22	3.23
% CHG PREV QTR SAAR...........	-1.51	7.94	2.41	-1.75	-8.37	8.73	2.88	0.07	-9.75	9.99	3.49	3.50	2.29	0.19
% CHG SAME QTR LAST YR........	1.66	3.45	2.36	1.70	-0.12	0.06	0.18	0.64	0.26	0.55	0.70	3.50	2.29	0.19

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 13: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS
(1972 SEASONALLY ADJUSTED DOLLARS)

	LAGGED	FORECAST-DATA									ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	3.39	3.38	3.38	3.39	3.44	3.45	3.45	3.49	3.54	3.55	3.54	3.39	3.38	3.46
% CHG PREV QTR SAAR...........	0.08	-0.72	-0.41	1.57	5.80	1.60	-0.43	4.78	5.80	0.86	-0.43	0.89	-0.06	2.17
% CHG SAME QTR LAST YR........	0.24	-0.68	0.09	0.13	1.53	2.11	2.11	2.91	2.91	2.72	2.72	0.89	-0.06	2.17
FOOD............................	3.58	3.58	3.67	3.71	3.70	3.67	3.64	3.73	3.81	3.75	3.70	3.61	3.64	3.69
% CHG PREV QTR SAAR...........	-0.21	-0.84	11.25	4.14	-0.81	-3.26	-3.34	9.85	9.40	-6.66	-4.57	2.60	0.73	1.38
% CHG SAME QTR LAST YR........	-1.90	-2.10	3.59	3.48	3.32	2.68	-0.87	0.47	2.96	2.04	1.71	2.60	0.73	1.38
TEXTILES........................	2.75	2.76	2.74	2.76	2.83	2.83	2.79	2.83	2.91	2.91	2.87	2.72	2.75	2.82
% CHG PREV QTR SAAR...........	7.04	1.21	-2.72	2.76	10.84	0.18	-4.93	4.85	12.33	-0.43	-5.22	-0.01	1.11	2.55
% CHG SAME QTR LAST YR........	0.40	0.44	1.60	2.01	2.91	2.65	2.06	2.57	2.92	2.76	2.68	-0.01	1.11	2.55
APPAREL.................	2.33	2.31	2.35	2.33	2.30	2.34	2.38	2.36	2.33	2.36	2.40	2.35	2.33	2.34
% CHG PREV QTR SAAR...........	-2.74	-2.61	7.12	-3.17	-4.94	6.41	6.69	-3.28	-5.12	6.12	6.44	-1.80	-0.66	0.60
% CHG SAME QTR LAST YR........	-0.56	-2.09	0.47	-0.44	-1.01	1.21	1.11	1.08	1.03	0.96	0.90	-1.80	-0.66	0.60
PAPER...........................	4.45	4.46	4.39	4.37	4.42	4.43	4.43	4.45	4.53	4.54	4.54	4.35	4.42	4.43
% CHG PREV QTR SAAR...........	-1.98	1.03	-6.71	-1.72	4.69	1.23	-0.13	2.16	6.76	0.99	0.37	1.02	1.44	0.36
% CHG SAME QTR LAST YR........	4.20	4.09	0.07	-2.39	-0.77	-0.72	0.99	1.97	2.47	2.41	2.54	1.02	1.44	0.36
CHEMICALS.......................	4.66	4.62	4.57	4.59	4.72	4.68	4.64	4.69	4.85	4.80	4.75	4.54	4.61	4.68
% CHG PREV QTR SAAR...........	7.52	-3.24	-4.21	1.53	12.26	-3.57	-3.47	4.97	13.81	-4.06	-3.69	1.27	1.58	1.62
% CHG SAME QTR LAST YR........	4.36	1.45	0.29	0.29	1.38	1.29	1.49	2.33	2.69	2.56	2.50	1.27	1.58	1.62
RUBBER AND PLASTICS.............	3.98	3.91	3.95	4.01	4.00	4.01	3.97	3.97	3.96	3.97	3.94	3.87	3.96	3.99
% CHG PREV QTR SAAR...........	7.99	-6.74	4.22	5.69	-0.60	0.82	-3.47	-0.63	-0.90	1.44	-2.91	4.58	2.48	0.64
% CHG SAME QTR LAST YR........	2.32	1.01	3.99	2.63	0.52	2.50	0.56	-0.98	-1.06	-0.91	-0.76	4.58	2.48	0.64
LEATHER.........................	2.56	2.57	2.61	2.58	2.61	2.63	2.67	2.65	2.68	2.70	2.74	2.60	2.58	2.64
% CHG PREV QTR SAAR...........	-1.77	2.27	5.79	-4.18	4.05	3.17	5.78	-2.20	4.81	2.60	5.43	-1.92	-0.62	2.21
% CHG SAME QTR LAST YR........	0.20	-2.30	-0.78	0.46	1.91	2.14	2.13	2.66	2.84	2.70	2.61	-1.92	-0.62	2.21

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 14: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (CURRENT DOLLARS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	7.73	7.80	7.94	8.02	8.42	8.38	8.47	8.60	8.88	8.93	9.08	7.40	7.87	8.47
% CHG SAME QTR LAST YR........	6.43	6.41	6.69	5.66	8.99	7.47	6.74	7.28	5.44	6.62	7.20	6.51	6.29	7.61
LUMBER AND WOOD..................	5.44	5.55	5.67	5.75	6.04	6.03	6.12	6.22	6.43	6.48	6.60	5.19	5.60	6.10
% CHG SAME QTR LAST YR........	5.42	7.42	11.73	7.59	11.03	8.70	7.88	8.29	6.37	7.41	7.87	5.80	8.02	8.95
FURNITURE AND FIXTURES..........	6.05	6.06	6.18	6.25	6.56	6.54	6.62	6.72	6.93	6.98	7.09	5.84	6.14	6.61
% CHG SAME QTR LAST YR........	4.91	4.36	5.71	5.15	8.40	7.90	7.04	7.44	5.61	6.69	7.21	7.15	5.04	7.69
STONE, CLAY AND GLASS...........	9.26	9.38	9.61	9.75	10.36	10.28	10.41	10.59	11.00	11.05	11.25	8.97	9.50	10.41
% CHG SAME QTR LAST YR........	2.74	3.61	9.17	8.32	11.83	9.64	8.36	8.71	6.19	7.48	8.05	4.87	5.94	9.61
PRIMARY METALS..................	10.20	10.24	10.39	10.48	10.99	10.94	11.06	11.23	11.59	11.67	11.88	10.18	10.33	11.05
% CHG SAME QTR LAST YR........	4.12	1.76	-2.04	2.06	7.80	6.79	6.39	7.14	5.48	6.75	7.39	8.16	1.41	7.03
FABRICATED METALS...............	7.92	7.96	8.14	8.26	8.62	8.64	8.76	8.90	9.16	9.25	9.40	7.69	8.07	8.73
% CHG SAME QTR LAST YR........	5.98	4.78	5.01	3.83	8.93	8.51	7.64	7.83	6.24	7.00	7.34	6.90	4.88	8.22
MACHINERY.......................	7.38	7.49	7.58	7.67	7.80	7.92	8.04	8.16	8.30	8.44	8.58	7.05	7.53	7.98
% CHG SAME QTR LAST YR........	6.96	7.25	6.87	6.42	5.63	5.66	6.07	6.45	6.46	6.55	6.66	4.27	6.87	5.96
INSTRUMENTS.....................	6.80	6.85	6.91	6.96	7.11	7.18	7.29	7.40	7.55	7.66	7.79	6.46	6.88	7.25
% CHG SAME QTR LAST YR........	5.92	8.10	6.29	5.58	4.58	4.88	5.50	6.42	6.18	6.63	6.92	9.47	6.46	5.35

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 15: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (CURRENT DOLLARS)

	LAGGED	FORECAST - DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	7.13	7.20	7.24	7.35	7.57	7.71	7.79	8.00	8.25	8.40	8.49	6.95	7.23	7.77
% CHG SAME QTR LAST YR........	4.39	3.80	3.93	3.94	6.20	7.03	7.54	8.82	8.99	8.94	9.07	6.69	4.01	7.41
FOOD..........................	7.55	7.67	7.87	7.99	8.16	8.25	8.21	8.49	8.90	8.93	8.87	7.41	7.77	8.28
% CHG SAME QTR LAST YR........	2.17	2.31	7.52	7.44	8.11	7.62	4.41	6.23	9.04	8.22	8.00	8.47	4.85	6.57
TEXTILES......................	5.74	5.84	5.91	6.02	6.18	6.28	6.35	6.53	6.73	6.85	6.93	5.58	5.88	6.34
% CHG SAME QTR LAST YR........	4.56	4.98	5.49	5.92	7.66	7.68	7.48	8.46	9.00	8.98	9.03	5.71	5.24	7.83
APPAREL.......................	4.96	4.92	4.99	5.05	5.14	5.22	5.31	5.40	5.50	5.59	5.69	4.82	4.98	5.27
% CHG SAME QTR LAST YR........	3.55	2.29	4.32	3.42	3.62	6.07	6.48	6.88	7.00	7.08	7.14	3.86	3.39	5.77
PAPER.........................	9.39	9.48	9.33	9.55	9.75	9.87	9.92	10.29	10.58	10.72	10.80	8.94	9.44	9.96
% CHG SAME QTR LAST YR........	8.51	8.80	3.83	1.40	3.82	4.15	6.36	7.83	8.53	8.61	8.87	6.85	5.53	5.54
CHEMICALS.....................	9.68	9.83	9.88	10.02	10.27	10.45	10.56	10.84	11.17	11.36	11.49	9.32	9.85	10.53
% CHG SAME QTR LAST YR........	8.65	6.04	4.19	4.21	6.13	6.26	6.88	8.21	8.76	8.77	8.83	7.11	5.72	6.88
RUBBER........................	8.36	8.26	8.50	8.76	8.80	8.88	9.00	9.17	9.22	9.33	9.48	7.94	8.47	8.96
% CHG SAME QTR LAST YR........	6.63	5.67	7.95	6.49	5.25	7.54	5.90	4.70	4.79	5.09	5.37	10.63	6.69	5.83
LEATHER.......................	5.41	5.49	5.55	5.62	5.77	5.88	5.97	6.11	6.28	6.40	6.51	5.33	5.52	5.93
% CHG SAME QTR LAST YR........	4.24	2.17	3.10	4.29	6.59	7.09	7.56	8.55	8.92	8.92	8.95	3.73	3.44	7.46

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
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TABLE 16: TENNESSEE PERSON-HOURS PER WEEK, SELECTED DURABLE GOODS MANUFACTURING (THOUSANDS)

	LAGGED	FORECAST-DATA									ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	7830.	8170.	8372.	8736.	8520.	8925.	9109.	9343.	9006.	9355.	9466.	7923.	8277.	8974.
% CHG SAME QTR LAST YR........	-2.00	1.91	6.83	11.29	8.82	9.23	8.80	6.95	5.70	4.82	3.93	-13.03	4.46	8.42
LUMBER AND WOOD.................	564.	613.	617.	616.	588.	657.	674.	673.	640.	712.	720.	588.	603.	648.
% CHG SAME QTR LAST YR........	1.63	-0.50	4.30	4.60	4.14	7.11	9.21	9.26	8.97	8.50	6.89	-12.43	2.49	7.50
FURNITURE AND FIXTURES..........	805.	824.	822.	894.	872.	890.	907.	938.	888.	925.	962.	786.	836.	902.
% CHG SAME QTR LAST YR........	7.71	4.29	4.03	9.77	8.35	8.04	10.31	4.93	1.78	3.85	6.04	-10.74	6.46	7.84
STONE, CLAY AND GLASS...........	492.	553.	561.	561.	541.	594.	615.	615.	593.	643.	658.	500.	541.	591.
% CHG SAME QTR LAST YR........	3.66	6.25	10.16	13.18	10.15	7.41	9.68	9.65	9.44	8.35	7.03	-14.60	8.35	9.20
PRIMARY METALS..................	678.	665.	675.	705.	677.	717.	732.	750.	722.	756.	779.	655.	681.	719.
% CHG SAME QTR LAST YR........	1.10	-0.57	3.89	12.22	-0.21	7.69	8.38	6.40	6.64	5.51	6.48	-14.46	4.04	5.56
FABRICATED METALS...............	1126.	1140.	1150.	1215.	1190.	1200.	1225.	1266.	1228.	1278.	1292.	1147.	1158.	1220.
% CHG SAME QTR LAST YR........	1.46	0.10	0.13	2.12	5.72	5.26	6.49	4.16	3.15	6.49	5.51	-11.95	0.96	5.39
MACHINERY.......................	2608.	2778.	2865.	2927.	2860.	2980.	3074.	3111.	3024.	3100.	3165.	2677.	2794.	3006.
% CHG SAME QTR LAST YR........	-6.95	2.25	9.48	13.75	9.66	7.28	7.31	6.29	5.76	4.05	2.96	-15.06	4.37	7.58
INSTRUMENTS.....................	274.	283.	286.	296.	304.	310.	313.	325.	331.	337.	343.	298.	285.	313.
% CHG SAME QTR LAST YR........	-10.33	-8.28	-0.44	1.76	11.20	9.73	9.17	9.92	8.64	8.75	9.77	-6.16	-4.46	9.99

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 17: TENNESSEE PERSON-HOURS PER WEEK, SELECTED NONDURABLE GOODS MANUFACTURING (THOUSANDS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	10229.	10593.	10800.	10733.	10584.	10901.	11250.	11301.	11109.	11501.	11883.	10140.	10589.	11009.
% CHG SAME QTR LAST YR........	2.68	4.20	5.34	5.46	3.47	2.91	4.16	5.29	4.96	5.50	5.63	-9.40	4.43	3.97
FOOD............................	1479.	1531.	1596.	1540.	1464.	1536.	1634.	1572.	1489.	1567.	1674.	1501.	1536.	1551.
% CHG SAME QTR LAST YR........	2.36	1.04	2.19	3.83	-1.03	0.31	2.38	2.04	1.70	2.05	2.46	-2.60	2.35	0.96
TEXTILES........................	986.	1051.	1057.	1067.	1056.	1090.	1078.	1095.	1096.	1147.	1138.	969.	1040.	1080.
% CHG SAME QTR LAST YR........	4.58	5.44	11.05	8.14	7.14	3.72	2.02	2.67	3.84	5.18	5.58	-8.23	7.30	3.83
APPAREL.........................	2320.	2457.	2458.	2485.	2383.	2524.	2531.	2528.	2398.	2523.	2517.	2267.	2430.	2491.
% CHG SAME QTR LAST YR........	8.61	8.87	5.23	6.25	2.71	2.72	2.95	1.75	0.64	-0.04	-0.54	-10.79	7.19	2.53
PAPER...........................	671.	693.	753.	757.	753.	783.	826.	809.	793.	817.	854.	705.	718.	793.
% CHG SAME QTR LAST YR........	-5.88	-0.66	2.92	11.76	12.19	13.01	9.73	6.84	5.27	4.39	3.47	-7.41	1.93	10.33
CHEMICALS.......................	2168.	2210.	2305.	2255.	2252.	2309.	2394.	2328.	2280.	2359.	2427.	2253.	2235.	2321.
% CHG SAME QTR LAST YR........	-6.78	-3.18	3.07	4.01	3.87	4.47	3.84	3.25	1.25	2.14	1.41	-6.69	-0.83	3.86
RUBBER..........................	805.	824.	798.	871.	885.	910.	925.	976.	955.	966.	983.	782.	825.	924.
% CHG SAME QTR LAST YR........	4.77	3.58	1.72	12.03	10.00	10.35	15.98	12.02	7.84	6.17	6.25	-11.36	5.51	12.07
LEATHER.........................	634.	648.	674.	686.	685.	701.	730.	737.	729.	739.	761.	591.	661.	713.
% CHG SAME QTR LAST YR........	9.04	15.21	12.34	10.76	8.05	8.21	8.23	7.51	6.46	5.38	4.30	-29.65	11.80	7.99

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 18: TENNESSEE PERSON-HOURS PER WEEK, SELECTED DURABLE GOODS MANUFACTURING (SEASONALLY ADJUSTED IN THOUSANDS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	7980.	8096.	8415.	8608.	8687.	8839.	9155.	9206.	9182.	9265.	9514.	7923.	8275.	8972.
% CHG PREV QTR SAAR...........	13.32	5.95	16.71	9.48	3.76	7.15	15.11	2.24	-1.02	3.63	11.22	-13.05	4.44	8.43
% CHG SAME QTR LAST YR........	-1.83	1.81	6.84	11.29	8.87	9.17	8.80	6.95	5.70	4.82	3.92	-13.05	4.44	8.43
LUMBER AND WOOD.................	597.	594.	611.	608.	622.	636.	667.	664.	678.	690.	713.	588.	602.	647.
% CHG PREV QTR SAAR...........	11.42	-2.22	11.99	-1.85	9.68	8.91	21.36	-1.67	8.49	7.04	14.34	-12.45	2.48	7.45
% CHG SAME QTR LAST YR........	1.72	-0.61	4.28	4.61	4.20	7.04	9.21	9.26	8.97	8.50	6.89	-12.45	2.48	7.45
FURNITURE AND FIXTURES..........	827.	829.	822.	866.	896.	895.	907.	908.	912.	930.	961.	785.	836.	902.
% CHG PREV QTR SAAR...........	20.55	1.04	-3.39	23.04	15.01	-0.50	5.15	0.75	1.81	7.86	14.26	-10.77	6.44	7.87
% CHG SAME QTR LAST YR........	7.83	4.21	4.08	9.70	8.41	8.00	10.31	4.93	1.78	3.85	6.04	-10.77	6.44	7.87
STONE, CLAY AND GLASS...........	522.	537.	553.	552.	575.	576.	607.	605.	630.	624.	650.	500.	541.	591.
% CHG PREV QTR SAAR...........	31.86	11.60	13.14	-1.25	18.35	0.13	23.66	-1.37	17.48	-3.83	17.76	-14.65	8.24	9.20
% CHG SAME QTR LAST YR........	3.79	5.97	10.14	13.24	10.22	7.27	9.68	9.65	9.44	8.35	7.03	-14.65	8.24	9.20
PRIMARY METALS..................	681.	660.	681.	702.	680.	711.	738.	747.	725.	750.	786.	655.	681.	719.
% CHG PREV QTR SAAR...........	40.83	-11.63	12.92	13.01	-12.02	19.67	15.96	4.98	-11.22	14.68	20.27	-14.50	4.03	5.55
% CHG SAME QTR LAST YR........	1.14	-0.63	3.87	12.26	-0.20	7.66	8.38	6.40	6.64	5.51	6.48	-14.50	4.03	5.55
FABRICATED METALS...............	1155.	1146.	1144.	1185.	1222.	1206.	1218.	1234.	1260.	1284.	1285.	1146.	1158.	1220.
% CHG PREV QTR SAAR...........	-1.90	-3.19	-0.81	15.26	13.05	-5.07	3.94	5.52	8.72	7.84	0.18	-11.99	0.96	5.40
% CHG SAME QTR LAST YR........	1.55	0.07	0.15	2.08	5.76	5.25	6.49	4.16	3.15	6.49	5.51	-11.99	0.96	5.40
MACHINERY.......................	2623.	2745.	2902.	2907.	2878.	2943.	3113.	3090.	3043.	3062.	3205.	2677.	2794.	3006.
% CHG PREV QTR SAAR...........	11.01	20.05	24.79	0.78	-3.95	9.37	25.20	-2.96	-5.94	2.55	19.98	-15.07	4.38	7.59
% CHG SAME QTR LAST YR........	-6.81	2.11	9.48	13.78	9.74	7.21	7.30	6.29	5.73	4.05	2.94	-15.07	4.38	7.59
INSTRUMENTS.....................	275.	281.	293.	289.	306.	308.	320.	318.	332.	335.	351.	298.	285.	313.
% CHG PREV QTR SAAR...........	-12.70	9.62	17.78	-4.83	24.63	3.55	15.66	-2.20	18.92	3.98	20.07	-6.18	-4.48	9.98
% CHG SAME QTR LAST YR........	-10.25	-8.38	-0.42	1.77	11.24	9.67	9.17	9.92	8.64	8.75	9.77	-6.18	-4.48	9.98

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
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TABLE 19: TENNESSEE PERSON-HOURS PER WEEK, SELECTED NONDURABLE GOODS MANUFACTURING (SEASONALLY ADJUSTED IN THOUSANDS)

	LAGGED	F O R E C A S T - D A T A										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	10418.	10575.	10690.	10667.	10783.	10879.	11132.	11232.	11319.	11477.	11758.	10138.	10587.	11007.
% CHG PREV QTR SAAR...........	12.38	6.16	4.42	-0.83	4.43	3.60	9.64	3.64	3.11	5.74	10.14	-9.40	4.43	3.96
% CHG SAME QTR LAST YR........	2.78	4.13	5.39	5.43	3.51	2.86	4.14	5.30	4.96	5.50	5.62	-9.40	4.43	3.96
FOOD............................	1543.	1538.	1524.	1540.	1528.	1542.	1560.	1571.	1554.	1574.	1598.	1501.	1536.	1550.
% CHG PREV QTR SAAR...........	17.30	-1.30	-3.78	4.28	-3.05	3.92	4.58	2.88	-4.33	5.38	6.27	-2.57	2.34	0.92
% CHG SAME QTR LAST YR........	2.41	0.95	2.21	3.82	-1.01	0.27	2.38	2.04	1.70	2.05	2.46	-2.57	2.34	0.92
TEXTILES........................	991.	1049.	1070.	1051.	1062.	1087.	1091.	1079.	1102.	1143.	1152.	969.	1040.	1080.
% CHG PREV QTR SAAR...........	7.90	25.50	8.25	-6.72	4.03	9.96	1.52	-4.33	8.85	15.75	3.10	-8.25	7.29	3.82
% CHG SAME QTR LAST YR........	4.61	5.35	11.10	8.14	7.15	3.67	2.02	2.67	3.84	5.18	5.58	-8.25	7.29	3.82
APPAREL.........................	2406.	2429.	2432.	2448.	2474.	2494.	2504.	2491.	2490.	2493.	2491.	2265.	2429.	2491.
% CHG PREV QTR SAAR...........	18.50	3.77	0.62	2.59	4.30	3.26	1.67	-2.10	-0.20	0.52	-0.35	-10.81	7.23	2.55
% CHG SAME QTR LAST YR........	8.83	8.80	5.25	6.15	2.81	2.68	2.95	1.75	0.64	-0.04	-0.54	-10.81	7.23	2.55
PAPER...........................	686.	700.	732.	753.	770.	792.	804.	805.	810.	827.	832.	705.	718.	792.
% CHG PREV QTR SAAR...........	7.51	8.61	19.57	11.70	9.20	11.95	6.16	0.41	2.89	8.29	2.44	-7.40	1.87	10.37
% CHG SAME QTR LAST YR........	-5.90	-0.61	2.92	11.75	12.19	13.04	9.73	6.84	5.27	4.39	3.47	-7.40	1.87	10.37
CHEMICALS.......................	2166.	2198.	2304.	2271.	2249.	2297.	2393.	2345.	2277.	2346.	2426.	2253.	2235.	2321.
% CHG PREV QTR SAAR...........	-3.23	6.11	20.69	-5.60	-3.77	8.71	17.73	-7.73	-11.01	12.58	14.40	-6.70	-0.82	3.85
% CHG SAME QTR LAST YR........	-6.81	-3.17	3.10	4.00	3.85	4.49	3.84	3.25	1.25	2.14	1.41	-6.70	-0.82	3.85
RUBBER AND PLASTICS.............	825.	826.	798.	848.	909.	911.	925.	950.	980.	967.	983.	781.	824.	924.
% CHG PREV QTR SAAR...........	40.99	0.21	-13.07	27.91	31.86	0.96	6.24	11.35	13.24	-5.15	6.57	-11.35	5.47	12.07
% CHG SAME QTR LAST YR........	4.96	3.49	1.74	11.96	10.10	10.30	15.98	12.02	7.84	6.17	6.25	-11.35	5.47	12.07
LEATHER.........................	654.	651.	661.	675.	707.	705.	716.	725.	753.	742.	746.	590.	660.	713.
% CHG PREV QTR SAAR...........	31.57	-1.43	6.30	8.46	20.79	-1.58	6.41	5.60	16.15	-5.51	2.11	-29.66	11.81	8.04
% CHG SAME QTR LAST YR........	9.42	15.20	12.24	10.58	8.24	8.20	8.23	7.51	6.46	5.38	4.30	-29.66	11.81	8.04

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 20: TENNESSEE AVERAGE WEEKLY HOURS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS

	LAGGED	FORECAST - DATA										ANNUAL	
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	40.2	40.9	41.1	41.2	40.5	40.9	40.9	41.0	40.2	41.2	41.4	39.2	40.8	40.8
% CHG SAME QTR LAST YR........	5.06	4.34	4.93	2.93	0.74	0.06	-0.56	-0.47	-0.59	0.62	1.29	-2.95	4.30	-0.06
LUMBER AND WOOD.................	38.3	39.5	39.0	39.0	37.9	39.0	39.0	39.1	38.3	39.7	40.0	37.6	38.9	38.8
% CHG SAME QTR LAST YR........	6.69	4.41	3.18	0.13	-1.06	-1.07	0.06	0.26	1.13	1.66	2.63	-3.53	3.54	-0.45
FURNITURE AND FIXTURES..........	39.4	40.1	40.2	40.3	39.8	40.1	39.4	39.3	38.4	39.9	40.9	38.2	40.0	39.7
% CHG SAME QTR LAST YR........	8.94	4.97	3.03	1.86	1.01	-0.12	-1.88	-2.54	-3.63	-0.55	3.82	-2.67	4.61	-0.89
STONE, CLAY AND GLASS...........	41.0	43.4	44.9	43.4	41.7	43.1	43.2	43.0	42.0	44.0	44.3	40.8	43.1	42.7
% CHG SAME QTR LAST YR........	5.67	4.58	7.22	5.82	1.91	-0.78	-3.70	-0.91	0.61	2.12	2.51	-2.45	5.83	-0.93
PRIMARY METALS..................	40.9	40.3	40.4	40.8	40.1	40.4	40.3	40.6	40.3	41.2	41.8	39.6	40.6	40.3
% CHG SAME QTR LAST YR........	4.16	0.83	3.67	1.31	-2.06	0.08	-0.39	-0.41	0.42	2.18	3.91	-1.92	2.47	-0.70
FABRICATED METALS...............	41.7	41.6	41.1	41.1	41.5	41.2	41.2	40.3	40.5	41.8	42.1	40.0	41.4	41.1
% CHG SAME QTR LAST YR........	8.97	3.74	1.82	-0.13	-0.45	-0.82	0.08	-1.90	-2.52	1.43	2.24	-2.08	3.51	-0.77
MACHINERY.......................	39.4	40.7	41.3	41.0	39.7	40.2	40.9	41.1	40.1	40.9	41.6	38.7	40.6	40.5
% CHG SAME QTR LAST YR........	2.34	4.99	7.19	4.54	0.74	-1.07	-0.94	0.20	1.07	1.61	1.80	-4.38	4.76	-0.28
INSTRUMENTS.....................	38.4	39.1	39.5	39.9	39.8	39.9	39.8	40.0	39.6	39.9	40.5	39.2	39.2	39.9
% CHG SAME QTR LAST YR........	-0.69	-1.51	2.51	-0.24	3.71	2.12	0.88	0.27	-0.36	0.13	1.55	0.84	0.00	1.73

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 21: TENNESSEE AVERAGE WEEKLY HOURS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS...........	39.3	40.3	40.1	39.5	39.1	39.6	40.0	40.3	40.1	40.9	41.5	38.2	39.8	39.8
% CHG SAME QTR LAST YR........	6.50	5.23	3.68	1.47	-0.51	-1.65	-0.25	2.11	2.59	3.36	3.92	-3.48	4.19	-0.08
FOOD.............................	39.3	40.5	41.4	40.4	39.3	39.9	40.8	40.4	39.5	40.3	41.3	39.2	40.4	40.1
% CHG SAME QTR LAST YR........	1.81	1.85	4.27	4.16	-0.06	-1.49	-1.64	0.14	0.53	0.99	1.37	-2.71	3.02	-0.77
TEXTILES.........................	39.9	41.5	40.6	40.1	39.3	40.0	39.2	39.6	39.8	41.1	40.6	38.4	40.5	39.5
% CHG SAME QTR LAST YR........	8.82	6.14	6.47	0.89	-1.46	-3.64	-3.51	-1.30	1.29	2.84	3.47	-3.84	5.50	-2.49
APPAREL..........................	36.6	37.7	37.4	37.8	36.6	38.0	37.8	37.9	36.4	37.6	37.4	35.4	37.4	37.6
% CHG SAME QTR LAST YR........	11.12	6.20	1.96	3.56	-0.16	0.77	1.27	0.29	-0.56	-0.98	-1.18	-3.59	5.57	0.55
PAPER............................	44.6	45.9	45.3	45.5	44.7	45.1	45.5	45.7	45.0	45.3	45.7	42.2	45.3	45.3
% CHG SAME QTR LAST YR........	5.78	10.52	8.23	5.42	0.28	-1.61	0.52	0.59	0.59	0.41	0.32	-1.31	7.46	-0.06
CHEMICALS........................	40.7	41.1	42.0	41.4	41.7	41.8	41.7	41.4	41.5	41.8	41.7	40.4	41.3	41.6
% CHG SAME QTR LAST YR........	0.74	1.98	3.78	2.43	2.52	1.52	-0.75	0.12	-0.55	0.17	0.15	-2.55	2.23	0.84
RUBBER...........................	43.0	43.7	39.8	40.4	40.4	40.9	40.8	41.8	40.9	41.2	41.6	39.8	41.7	41.0
% CHG SAME QTR LAST YR........	10.36	10.17	0.24	-1.26	-5.94	-6.37	2.39	3.49	1.23	0.79	1.97	-2.69	4.80	-1.78
LEATHER..........................	37.7	38.4	38.7	39.3	38.8	39.3	39.6	39.9	39.3	39.6	39.7	36.2	38.5	39.4
% CHG SAME QTR LAST YR........	11.42	6.56	4.94	3.78	2.90	2.29	2.15	1.73	1.21	0.72	0.26	-7.38	6.56	2.26

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 22: TENNESSEE AVERAGE WEEKLY HOURS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS, SEASONALLY ADJUSTED

	LAGGED	F O R E C A S T - D A T A									ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	40.6	40.8	41.3	40.6	40.9	40.8	41.1	40.4	40.7	41.0	41.6	39.2	40.8	40.8
% CHG PREV QTR SAAR...........	11.66	1.92	5.43	-6.53	2.73	-1.20	3.06	-6.19	2.24	3.70	5.84	-2.97	4.31	-0.06
% CHG SAME QTR LAST YR........	5.15	4.24	4.96	2.91	0.79	0.01	-0.56	-0.47	-0.59	0.62	1.29	-2.97	4.31	-0.06
LUMBER AND WOOD.................	39.0	39.3	39.0	38.4	38.6	38.8	39.0	38.5	39.1	39.5	40.0	37.6	38.9	38.8
% CHG PREV QTR SAAR...........	6.68	2.45	-3.00	-5.32	2.01	2.23	1.53	-4.57	5.60	4.38	5.49	-3.55	3.57	-0.45
% CHG SAME QTR LAST YR........	6.75	4.41	3.17	0.10	-1.02	-1.07	0.06	0.26	1.13	1.66	2.63	-3.55	3.57	-0.45
FURNITURE AND FIXTURES..........	40.1	40.3	40.0	39.6	40.5	40.3	39.3	38.6	39.0	40.1	40.8	38.2	40.0	39.7
% CHG PREV QTR SAAR...........	12.91	2.55	-2.86	-4.50	9.61	-2.12	-9.52	-7.06	4.78	11.02	7.46	-2.70	4.65	-0.87
% CHG SAME QTR LAST YR........	9.02	4.96	3.06	1.80	1.05	-0.12	-1.88	-2.54	-3.63	-0.55	3.82	-2.70	4.65	-0.87
STONE, CLAY AND GLASS...........	42.3	42.9	44.4	42.8	43.2	42.6	42.8	42.4	43.4	43.5	43.9	40.8	43.1	42.7
% CHG PREV QTR SAAR...........	20.17	5.93	14.63	-14.02	3.59	-5.41	2.06	-3.59	10.11	0.39	3.64	-2.48	5.82	-0.91
% CHG SAME QTR LAST YR........	5.83	4.40	7.18	5.84	1.98	-0.86	-3.70	-0.91	0.61	2.12	2.51	-2.48	5.82	-0.91
PRIMARY METALS..................	41.1	40.2	40.7	40.6	40.2	40.2	40.5	40.4	40.4	41.1	42.1	39.6	40.6	40.3
% CHG PREV QTR SAAR...........	10.65	-8.40	5.10	-1.04	-3.39	-0.35	3.36	-1.13	-0.12	6.81	10.54	-1.95	2.47	-0.71
% CHG SAME QTR LAST YR........	4.18	0.74	3.69	1.33	-2.05	0.03	-0.39	-0.41	0.42	2.18	3.91	-1.95	2.47	-0.71
FABRICATED METALS...............	42.1	41.5	41.3	40.6	41.9	41.2	41.4	39.9	40.8	41.8	42.3	40.0	41.4	41.1
% CHG PREV QTR SAAR...........	14.39	-5.18	-1.82	-6.62	13.14	-6.79	1.87	-13.78	10.30	9.23	5.18	-2.11	3.54	-0.76
% CHG SAME QTR LAST YR........	9.04	3.70	1.84	-0.14	-0.41	-0.84	0.08	-1.90	-2.52	1.43	2.24	-2.11	3.54	-0.76
MACHINERY.......................	39.6	40.6	41.7	40.5	39.9	40.1	41.3	40.5	40.3	40.8	42.0	38.7	40.6	40.5
% CHG PREV QTR SAAR...........	9.49	10.61	10.79	-11.00	-5.35	2.32	11.73	-6.82	-2.05	4.55	12.54	-4.39	4.76	-0.28
% CHG SAME QTR LAST YR........	2.45	4.84	7.21	4.53	0.80	-1.15	-0.94	0.20	1.07	1.61	1.80	-4.39	4.76	-0.28
INSTRUMENTS.....................	38.7	39.0	39.9	39.3	40.1	39.8	40.3	39.4	39.9	39.9	40.9	39.2	39.2	39.9
% CHG PREV QTR SAAR...........	-6.84	3.46	9.68	-6.34	8.72	-2.68	4.50	-8.56	5.98	-0.73	10.54	0.80	0.01	1.72
% CHG SAME QTR LAST YR........	-0.74	-1.54	2.59	-0.25	3.68	2.11	0.88	0.27	-0.36	0.13	1.55	0.80	0.01	1.72

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 23: TENNESSEE AVERAGE WEEKLY HOURS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS, SEASONALLY ADJUSTED

	LAGGED	FORECAST - DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	39.7	40.3	39.9	39.3	39.5	39.6	39.8	40.1	40.6	40.9	41.4	38.2	39.8	39.8
% CHG PREV QTR SAAR...........	11.23	5.38	-3.44	-6.37	2.93	0.39	2.32	2.80	4.88	3.44	4.58	-3.49	4.19	-0.09
% CHG SAME QTR LAST YR........	6.55	5.14	3.71	1.46	-0.49	-1.69	-0.25	2.11	2.59	3.36	3.92	-3.49	4.19	-0.09
FOOD..........................	40.1	40.5	40.7	40.3	40.1	39.9	40.0	40.3	40.3	40.3	40.5	39.2	40.4	40.1
% CHG PREV QTR SAAR...........	5.55	4.33	1.36	-3.61	-2.12	-1.66	0.87	3.55	-0.56	0.14	2.42	-2.70	3.00	-0.78
% CHG SAME QTR LAST YR........	1.83	1.77	4.28	4.18	-0.06	-1.52	-1.64	0.14	0.53	0.99	1.37	-2.70	3.00	-0.78
TEXTILES......................	40.1	41.5	41.2	39.4	39.5	40.0	39.7	38.9	40.0	41.2	41.1	38.4	40.5	39.5
% CHG PREV QTR SAAR...........	10.97	15.32	-3.53	-16.23	1.29	5.31	-3.01	-8.29	12.36	11.90	-0.61	-3.85	5.54	-2.50
% CHG SAME QTR LAST YR........	8.87	6.13	6.51	0.84	-1.43	-3.64	-3.51	-1.30	1.29	2.84	3.47	-3.85	5.54	-2.50
APPAREL.......................	37.4	37.6	37.0	37.5	37.3	37.9	37.5	37.6	37.1	37.5	37.1	35.4	37.4	37.6
% CHG PREV QTR SAAR...........	13.39	2.84	-6.07	4.88	-1.73	6.31	-4.01	0.89	-5.05	4.54	-4.77	-3.63	5.60	0.54
% CHG SAME QTR LAST YR........	11.24	6.10	1.98	3.53	-0.11	0.72	1.27	0.29	-0.56	-0.98	-1.18	-3.63	5.60	0.54
PAPER.........................	44.7	46.1	45.2	45.2	44.8	45.4	45.5	45.5	45.1	45.5	45.6	42.2	45.3	45.3
% CHG PREV QTR SAAR...........	17.86	13.51	-7.25	-0.42	-3.60	5.21	1.11	-0.14	-3.60	4.46	0.72	-1.32	7.47	-0.07
% CHG SAME QTR LAST YR........	5.75	10.49	8.27	5.43	0.27	-1.62	0.52	0.59	0.59	0.41	0.32	-1.32	7.47	-0.07
CHEMICALS.....................	40.8	41.1	41.9	41.4	41.8	41.7	41.6	41.4	41.6	41.8	41.7	40.4	41.3	41.7
% CHG PREV QTR SAAR...........	3.77	3.34	7.96	-4.96	4.22	-0.63	-1.40	-1.59	1.44	2.29	-1.49	-2.55	2.24	0.84
% CHG SAME QTR LAST YR........	0.76	2.00	3.77	2.42	2.53	1.53	-0.75	0.12	-0.55	0.17	0.15	-2.55	2.24	0.84
RUBBER AND PLASTICS...........	43.7	43.8	40.0	39.4	41.1	41.0	41.0	40.8	41.6	41.3	41.8	39.8	41.7	41.0
% CHG PREV QTR SAAR...........	43.88	0.72	-30.38	-5.95	18.89	-1.46	-0.23	-1.84	8.81	-3.14	4.51	-2.71	4.86	-1.83
% CHG SAME QTR LAST YR........	10.46	10.06	0.29	-1.30	-5.90	-6.41	2.39	3.49	1.23	0.79	1.97	-2.71	4.86	-1.83
LEATHER.......................	38.3	38.3	39.0	38.5	39.4	39.2	39.8	39.2	39.9	39.4	39.9	36.1	38.5	39.4
% CHG PREV QTR SAAR...........	12.88	0.34	6.95	-4.44	9.85	-2.87	6.80	-6.01	7.63	-4.75	4.86	-7.43	6.58	2.27
% CHG SAME QTR LAST YR........	11.67	6.35	4.94	3.73	3.02	2.19	2.15	1.73	1.21	0.72	0.26	-7.43	6.58	2.27

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 24: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 DOLLARS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	147.72	149.92	151.86	152.23	154.98	153.78	153.05	153.71	153.37	155.55	156.52	141.23	150.43	153.88
% CHG SAME QTR LAST YR........	7.34	6.28	7.82	4.71	4.92	2.57	0.79	0.97	-1.04	1.16	2.27	-2.28	6.52	2.29
LUMBER AND WOOD.................	99.23	102.98	102.82	103.18	104.16	105.63	105.39	105.94	105.79	108.75	109.88	94.98	102.05	105.28
% CHG SAME QTR LAST YR........	7.97	7.36	11.03	3.72	4.97	2.58	2.50	2.67	1.57	2.95	4.27	-3.48	7.45	3.16
FURNITURE AND FIXTURES..........	113.52	114.34	115.60	116.20	118.76	117.54	115.29	115.07	114.13	117.60	120.86	108.85	114.92	116.67
% CHG SAME QTR LAST YR........	9.72	4.86	4.90	3.13	4.62	2.80	-0.27	-0.97	-3.90	0.05	4.83	-1.39	5.58	1.52
STONE, CLAY AND GLASS...........	180.56	191.39	200.66	194.62	196.61	198.60	198.81	198.27	198.34	205.53	207.39	178.03	191.81	198.07
% CHG SAME QTR LAST YR........	4.23	3.72	12.73	10.36	8.89	3.77	-0.92	1.88	0.88	3.49	4.32	-3.29	7.74	3.27
PRIMARY METALS..................	198.66	194.18	195.61	196.99	200.41	197.94	196.84	198.78	200.43	203.58	206.88	196.60	196.36	198.49
% CHG SAME QTR LAST YR........	4.11	-1.79	-2.19	-0.44	0.88	1.94	0.63	0.91	0.01	2.85	5.10	0.32	-0.12	1.09
FABRICATED METALS...............	157.13	155.62	155.85	156.41	162.81	159.76	159.42	156.48	159.20	163.47	164.76	149.82	156.25	159.62
% CHG SAME QTR LAST YR........	10.87	4.05	2.99	-0.16	3.62	2.66	2.29	0.04	-2.22	2.32	3.35	-1.03	4.29	2.15
MACHINERY.......................	138.51	143.27	145.62	144.78	140.84	142.84	145.28	146.06	143.08	145.82	148.57	132.97	143.05	143.75
% CHG SAME QTR LAST YR........	5.08	7.79	10.33	7.11	1.68	-0.30	-0.23	0.88	1.59	2.08	2.26	-5.76	7.58	0.49
INSTRUMENTS.....................	124.18	125.81	127.05	127.79	128.68	128.53	128.39	128.96	128.54	129.40	131.28	123.37	126.21	128.64
% CHG SAME QTR LAST YR........	0.98	1.91	4.95	1.41	3.63	2.16	1.06	0.91	-0.11	0.68	2.25	4.36	2.30	1.93

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 25: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 DOLLARS)

	LAGGED	FORECAST - DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	133.42	136.30	135.00	133.81	134.70	136.85	137.51	140.60	142.20	145.30	146.79	129.31	134.63	137.41
% CHG SAME QTR LAST YR........	6.73	4.55	3.78	1.55	0.96	0.40	1.85	5.08	5.57	6.17	6.75	-2.62	4.12	2.06
FOOD...........................	141.28	145.92	151.72	148.62	145.85	147.56	147.93	149.52	150.96	152.06	152.54	141.56	146.89	147.72
% CHG SAME QTR LAST YR........	-0.14	-0.26	7.98	7.74	3.23	1.12	-2.49	0.60	3.50	3.05	3.11	-0.19	3.76	0.56
TEXTILES.......................	108.94	113.88	111.82	111.26	110.43	112.71	110.11	112.64	115.12	119.11	116.98	104.50	111.48	111.47
% CHG SAME QTR LAST YR........	9.23	6.65	8.18	2.89	1.36	-1.03	-1.53	1.24	4.24	5.68	6.24	-3.85	6.67	-0.00
APPAREL........................	86.43	87.26	86.70	88.00	85.43	88.97	88.77	89.22	85.82	88.95	88.52	83.03	87.10	88.10
% CHG SAME QTR LAST YR........	10.47	3.98	2.44	3.12	-1.15	1.96	2.39	1.38	0.46	-0.03	-0.29	-5.36	4.89	1.15
PAPER..........................	199.25	204.35	196.74	199.96	198.19	199.75	199.73	205.11	204.29	205.41	205.45	183.60	200.08	200.70
% CHG SAME QTR LAST YR........	10.19	15.11	8.23	2.93	-0.53	-2.25	1.52	2.58	3.08	2.83	2.87	-0.29	8.97	0.31
CHEMICALS......................	187.45	190.10	193.08	190.98	194.88	195.60	194.49	195.68	199.01	200.94	199.64	183.32	190.40	195.16
% CHG SAME QTR LAST YR........	5.08	3.52	4.13	2.78	3.96	2.89	0.73	2.46	2.12	2.73	2.65	-1.32	3.86	2.50
RUBBER.........................	170.97	169.64	157.58	162.84	161.72	162.92	162.25	166.87	161.97	162.73	164.19	153.90	165.26	163.44
% CHG SAME QTR LAST YR........	12.97	11.44	4.22	1.23	-5.41	-3.96	2.96	2.48	0.16	-0.12	1.19	1.80	7.38	-1.10
LEATHER........................	97.16	99.14	100.10	101.74	101.82	103.59	104.44	106.25	105.98	107.15	107.44	93.99	99.54	104.02
% CHG SAME QTR LAST YR........	11.50	4.22	4.20	4.21	4.79	4.49	4.33	4.43	4.09	3.43	2.88	-9.19	5.90	4.51

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
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TABLE 26: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS
(1972 SEASONALLY ADJUSTED DOLLARS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	149.00	149.18	153.19	150.29	156.39	152.83	154.39	151.76	154.77	154.59	157.89	141.21	150.41	153.84
% CHG PREV QTR SAAR...........	16.09	0.48	11.20	-7.34	17.24	-8.80	4.16	-6.65	8.18	-0.45	8.81	-2.30	6.52	2.28
% CHG SAME QTR LAST YR........	7.44	6.14	7.83	4.70	4.96	2.45	0.79	0.97	-1.04	1.16	2.27	-2.30	6.52	2.28
LUMBER AND WOOD.................	100.15	102.29	104.82	101.03	105.13	104.89	107.44	103.74	106.78	107.99	112.02	94.94	102.08	105.30
% CHG PREV QTR SAAR...........	11.51	8.82	10.25	-13.68	17.25	-0.93	10.09	-13.09	12.27	4.59	15.81	-3.51	7.52	3.16
% CHG SAME QTR LAST YR........	8.05	7.36	11.12	3.66	4.97	2.54	2.50	2.67	1.57	2.95	4.27	-3.51	7.52	3.16
FURNITURE AND FIXTURES..........	115.24	114.51	115.67	114.27	120.63	117.66	115.36	113.15	115.92	117.72	120.93	108.81	114.92	116.70
% CHG PREV QTR SAAR...........	16.95	-2.51	4.15	-4.79	24.19	-9.46	-7.61	-7.43	10.13	6.37	11.37	-1.42	5.61	1.55
% CHG SAME QTR LAST YR........	9.80	4.85	4.90	3.12	4.68	2.76	-0.27	-0.97	-3.90	0.05	4.83	-1.42	5.61	1.55
STONE, CLAY AND GLASS...........	184.28	187.52	201.61	193.65	200.89	194.40	199.76	197.29	202.65	201.19	208.38	178.00	191.77	198.08
% CHG PREV QTR SAAR...........	21.46	7.24	33.61	-14.88	15.81	-12.32	11.49	-4.85	11.33	-2.87	15.09	-3.31	7.73	3.29
% CHG SAME QTR LAST YR........	4.46	3.43	12.77	10.32	9.02	3.67	-0.92	1.88	0.88	3.49	4.32	-3.31	7.73	3.29
PRIMARY METALS..................	202.07	193.81	193.52	196.11	203.92	197.47	194.74	197.89	203.95	203.10	204.67	196.58	196.38	198.51
% CHG PREV QTR SAAR...........	10.79	-15.37	-0.61	5.45	16.93	-12.08	-5.41	6.63	12.82	-1.66	3.14	0.32	-0.10	1.08
% CHG SAME QTR LAST YR........	4.16	-1.80	-2.25	-0.43	0.92	1.89	0.63	0.91	0.01	2.85	5.10	0.32	-0.10	1.08
FABRICATED METALS...............	158.97	155.85	156.87	153.31	164.80	160.00	160.46	153.38	161.15	163.72	165.84	149.78	156.25	159.66
% CHG PREV QTR SAAR...........	14.75	-7.63	2.64	-8.76	33.52	-11.16	1.16	-16.52	21.85	6.53	5.28	-1.09	4.32	2.18
% CHG SAME QTR LAST YR........	10.92	3.97	3.00	-0.19	3.67	2.66	2.29	0.04	-2.22	2.32	3.35	-1.09	4.32	2.18
MACHINERY.......................	139.17	142.70	146.87	143.40	141.50	142.10	146.53	144.66	143.75	145.07	149.84	132.97	143.03	143.70
% CHG PREV QTR SAAR...........	16.87	10.55	12.23	-9.14	-5.18	1.71	13.05	-5.01	-2.48	3.70	13.84	-5.79	7.56	0.46
% CHG SAME QTR LAST YR........	5.18	7.55	10.38	7.14	1.68	-0.42	-0.23	0.88	1.59	2.08	2.26	-5.79	7.56	0.46
INSTRUMENTS.....................	122.50	125.93	129.64	126.97	126.85	128.66	131.01	128.13	126.72	129.53	133.96	123.41	126.26	128.66
% CHG PREV QTR SAAR...........	-8.26	11.67	12.33	-7.98	-0.38	5.82	7.51	-8.50	-4.35	9.19	14.40	4.34	2.31	1.90
% CHG SAME QTR LAST YR........	0.91	1.86	5.02	1.44	3.56	2.17	1.06	0.91	-0.11	0.68	2.25	4.34	2.31	1.90

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 27: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS
(1972 SEASONALLY ADJUSTED DOLLARS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	134.57	136.10	134.77	133.09	135.96	136.64	137.27	139.85	143.53	145.07	146.54	129.29	134.64	137.43
% CHG PREV QTR SAAR...........	11.31	4.63	-3.84	-4.90	8.90	2.00	1.88	7.71	10.97	4.34	4.13	-2.63	4.13	2.08
% CHG SAME QTR LAST YR........	6.80	4.43	3.81	1.59	1.03	0.39	1.85	5.08	5.57	6.17	6.75	-2.63	4.13	2.08
FOOD............................	1 3.72	144.95	149.36	149.51	148.41	146.57	145.64	150.41	153.61	151.04	150.17	141.58	146.88	147.76
% CHG PREV QTR SAAR...........	15.31	3.46	12.76	0.38	-2.91	-4.87	-2.50	13.75	8.79	-6.53	-2.27	-0.17	3.75	0.59
% CHG SAME QTR LAST YR........	-0.11	-0.37	8.02	7.80	3.26	1.12	-2.49	0.60	3.50	3.05	3.11	-0.17	3.75	0.59
TEXTILES........................	110.18	114.52	112.71	108.57	111.76	113.26	110.99	109.91	116.50	119.69	117.92	104.48	111.49	111.48
% CHG PREV QTR SAAR...........	18.78	16.72	-6.16	-13.91	12.27	5.50	-7.78	-3.84	26.22	11.43	-5.79	-3.86	6.71	-0.01
% CHG SAME QTR LAST YR........	9.30	6.59	8.22	2.88	1.43	-1.10	-1.53	1.24	4.24	5.68	6.24	-3.86	6.71	-0.01
APPAREL.........................	86.92	86.95	87.08	87.42	85.95	88.64	89.17	88.62	86.34	88.61	88.91	83.02	87.09	88.09
% CHG PREV QTR SAAR...........	10.28	0.15	0.62	1.56	-6.58	13.12	2.42	-2.42	-9.91	10.95	1.36	-5.37	4.90	1.15
% CHG SAME QTR LAST YR........	10.62	3.87	2.46	3.07	-1.12	1.94	2.39	1.38	0.46	-0.03	-0.29	-5.37	4.90	1.15
PAPER...........................	198.84	205.76	198.45	197.38	197.84	200.98	201.47	202.47	203.93	206.67	207.24	183.57	200.11	200.69
% CHG PREV QTR SAAR...........	15.52	14.68	-13.47	-2.13	0.92	6.50	0.98	2.01	2.91	5.49	1.10	-0.30	9.01	0.29
% CHG SAME QTR LAST YR........	10.19	15.01	8.35	2.92	-0.50	-2.33	1.52	2.58	3.08	2.83	2.87	-0.30	9.01	0.29
CHEMICALS.......................	189.97	189.97	191.57	189.86	197.46	195.36	192.96	194.53	201.64	200.70	198.08	183.29	190.34	195.08
% CHG PREV QTR SAAR...........	11.58	-0.01	3.41	-3.51	16.99	-4.18	-4.83	3.29	15.44	-1.86	-5.12	-1.31	3.85	2.49
% CHG SAME QTR LAST YR........	5.15	3.48	4.07	2.72	3.94	2.84	0.73	2.46	2.12	2.73	2.65	-1.31	3.85	2.49
RUBBER AND PLASTICS.............	174.03	171.33	158.12	157.89	164.62	164.35	162.81	161.80	164.87	164.15	164.75	153.89	165.34	163.39
% CHG PREV QTR SAAR...........	55.38	-6.07	-27.44	-0.60	18.17	-0.65	-3.69	-2.46	7.83	-1.74	1.46	1.74	7.44	-1.18
% CHG SAME QTR LAST YR........	13.02	11.17	4.29	1.29	-5.41	-4.07	2.96	2.48	0.16	-0.12	1.19	1.74	7.44	-1.18
LEATHER.........................	98.02	98.66	101.76	99.54	102.92	102.97	106.16	103.95	107.13	106.51	109.21	93.95	99.49	104.00
% CHG PREV QTR SAAR...........	10.88	2.62	13.15	-8.44	14.30	0.21	12.97	-8.08	12.80	-2.28	10.55	-9.21	5.90	4.53
% CHG SAME QTR LAST YR........	11.90	3.90	4.13	4.20	4.99	4.37	4.33	4.43	4.09	3.44	2.88	-9.21	5.90	4.53

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 28: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (CURRENT DOLLARS)

	LAGGED	FORECAST - DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL DURABLE GOODS.............	310.35	318.88	326.22	330.45	340.79	342.91	346.27	352.82	357.19	367.88	376.00	290.01	321.48	345.70
% CHG SAME QTR LAST YR........	11.81	11.03	11.95	8.75	9.81	7.54	6.15	6.77	4.81	7.28	8.59	3.39	10.85	7.53
LUMBER AND WOOD.................	208.48	219.04	220.87	223.96	229.03	235.56	238.43	243.15	246.37	257.20	263.97	195.04	218.09	236.55
% CHG SAME QTR LAST YR........	12.47	12.16	15.28	7.72	9.86	7.54	7.95	8.57	7.57	9.19	10.71	2.09	11.82	8.46
FURNITURE AND FIXTURES..........	238.50	243.21	248.34	252.24	261.15	262.12	260.83	264.13	265.79	278.12	290.33	223.55	245.57	262.06
% CHG SAME QTR LAST YR........	14.29	9.55	8.91	7.11	9.50	7.78	5.03	4.71	1.78	6.11	11.31	4.30	9.85	6.71
STONE, CLAY AND GLASS...........	379.35	407.09	431.06	422.46	432.34	442.87	449.80	455.10	461.91	486.08	498.20	365.49	409.99	445.03
% CHG SAME QTR LAST YR........	8.57	8.35	17.05	14.62	13.97	8.79	4.35	7.73	6.84	9.76	10.76	2.28	12.18	8.55
PRIMARY METALS..................	417.38	413.01	420.21	427.60	440.68	441.39	445.34	456.26	466.79	481.47	496.98	403.68	419.55	445.92
% CHG SAME QTR LAST YR........	8.45	2.60	1.55	3.40	5.58	6.87	5.98	6.70	5.93	9.08	11.60	6.10	3.93	6.28
FABRICATED METALS...............	330.12	331.01	334.79	339.52	358.01	356.25	360.67	359.16	370.77	386.61	395.79	307.72	333.86	358.53
% CHG SAME QTR LAST YR........	15.49	8.70	6.93	3.70	8.45	7.63	7.73	5.79	3.56	8.52	9.74	4.74	8.50	7.39
MACHINERY.......................	291.02	304.73	312.83	314.28	309.69	318.53	328.69	335.24	333.21	344.86	356.90	273.02	305.71	323.04
% CHG SAME QTR LAST YR........	9.45	12.61	14.55	11.25	6.42	4.53	5.07	6.67	7.60	8.27	8.58	-0.29	11.97	5.67
INSTRUMENTS.....................	260.89	267.61	272.92	277.40	282.97	286.62	290.47	296.00	299.37	306.03	315.37	253.31	269.71	289.01
% CHG SAME QTR LAST YR........	5.19	6.47	8.97	5.32	8.46	7.10	6.43	6.71	5.80	6.77	8.57	10.41	6.47	7.16

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 29: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (CURRENT DOLLARS)

	LAGGED	F O R E C A S T - D A T A										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONDURABLE GOODS..........	280.32	289.92	290.01	290.46	296.18	305.18	311.10	322.72	331.16	343.63	352.62	265.53	287.68	308.80
% CHG SAME QTR LAST YR........	11.18	9.22	7.75	5.47	5.66	5.26	7.27	11.11	11.81	12.60	13.35	3.00	8.34	7.34
FOOD...........................	296.84	310.38	325.92	322.62	320.71	329.05	334.69	343.19	351.57	359.62	366.43	290.56	313.94	331.91
% CHG SAME QTR LAST YR........	4.02	4.20	12.11	11.91	8.04	6.02	2.69	6.38	9.62	9.29	9.48	5.48	8.04	5.72
TEXTILES.......................	228.89	242.22	240.20	241.52	242.83	251.34	249.11	258.54	268.10	281.69	281.02	214.61	238.21	250.45
% CHG SAME QTR LAST YR........	13.78	11.42	12.32	6.86	6.09	3.76	3.71	7.05	10.41	12.08	12.81	1.70	11.00	5.14
APPAREL........................	181.58	185.61	186.25	191.03	187.86	198.41	200.84	204.78	199.88	210.36	212.65	170.54	186.12	197.97
% CHG SAME QTR LAST YR........	15.07	8.62	6.36	7.10	3.46	6.89	7.84	7.20	6.40	6.03	5.88	0.15	9.14	6.37
PAPER..........................	418.63	434.66	422.64	434.05	435.81	445.44	451.87	470.79	475.78	485.80	493.55	377.08	427.50	450.98
% CHG SAME QTR LAST YR........	14.78	20.25	12.37	6.90	4.10	2.48	6.92	8.46	9.17	9.06	9.22	5.48	13.37	5.49
CHEMICALS......................	393.84	404.34	414.78	414.57	428.52	436.18	440.01	449.14	463.46	475.21	479.59	376.43	406.88	438.46
% CHG SAME QTR LAST YR........	9.45	8.14	8.12	6.74	8.81	7.87	6.08	8.34	8.15	8.95	8.99	4.37	8.09	7.76
RUBBER.........................	359.20	360.82	338.52	353.47	355.61	363.30	367.09	383.02	377.22	384.84	394.42	316.05	353.00	367.26
% CHG SAME QTR LAST YR........	17.68	16.42	8.21	5.14	-1.00	0.69	8.44	8.36	6.08	5.93	7.44	7.67	11.69	4.04
LEATHER........................	204.14	210.87	215.04	220.85	223.89	231.00	236.28	243.88	246.82	253.41	258.10	193.07	212.73	233.76
% CHG SAME QTR LAST YR........	16.14	8.88	8.19	8.24	9.68	9.55	9.88	10.43	10.24	9.70	9.23	-3.84	10.18	9.89

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
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TABLE 30: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY RATE (1972 DOLLARS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONAGRICULTURAL...........	7502.	7380.	7400.	7384.	7638.	7466.	7465.	7491.	7686.	7557.	7571.	7293.	7417.	7515.
% CHG SAME QTR LAST YR........	2.68	1.38	1.24	1.47	1.81	1.16	0.88	1.45	0.63	1.22	1.42	1.12	1.69	1.33
MINING...........................	9483.	8902.	9047.	8555.	9600.	8939.	9236.	8816.	9337.	9037.	8974.	9429.	8997.	9148.
% CHG SAME QTR LAST YR........	-6.71	-4.55	-1.58	-5.29	1.23	0.41	2.08	3.06	-2.74	1.10	-2.84	-2.31	-4.59	1.68
CONSTRUCTION.....................	9674.	8183.	7782.	8363.	9768.	8368.	7905.	8428.	9852.	8523.	8103.	8458.	8500.	8617.
% CHG SAME QTR LAST YR........	5.17	-0.61	-2.34	-0.81	0.96	2.27	1.58	0.78	0.87	1.85	2.51	8.59	0.51	1.37
MANUFACTURING....................	8242.	8161.	8150.	8162.	8340.	8283.	8251.	8312.	8447.	8422.	8405.	7912.	8179.	8297.
% CHG SAME QTR LAST YR........	5.95	3.06	2.27	2.25	1.19	1.50	1.24	1.84	1.28	1.68	1.87	1.52	3.37	1.44
DURABLE GOODS....................	8653.	8464.	8486.	8452.	8725.	8549.	8509.	8505.	8639.	8557.	8561.	8164.	8514.	8572.
% CHG SAME QTR LAST YR........	9.63	3.79	1.86	2.11	0.83	1.00	0.27	0.63	-0.99	0.09	0.61	2.60	4.28	0.68
NONDURABLE GOODS.................	7934.	7931.	7896.	7935.	8041.	8073.	8047.	8155.	8292.	8313.	8280.	7721.	7924.	8079.
% CHG SAME QTR LAST YR........	3.16	2.51	2.60	2.24	1.35	1.79	1.91	2.77	3.13	2.97	2.90	0.77	2.63	1.95
TRADE............................	5996.	5872.	5856.	5759.	6033.	5913.	5874.	5800.	6046.	5943.	5913.	5842.	5871.	5905.
% CHG SAME QTR LAST YR........	2.90	-0.63	-0.45	0.16	0.62	0.71	0.32	0.71	0.20	0.50	0.66	1.44	0.49	0.59
SERVICES.........................	6616.	6444.	6470.	6493.	6661.	6394.	6430.	6575.	6637.	6508.	6555.	6458.	6506.	6515.
% CHG SAME QTR LAST YR........	-0.06	1.46	1.60	-0.01	0.68	-0.78	-0.63	1.26	-0.36	1.78	1.96	1.22	0.73	0.14
FIN, INS, REAL EST...............	8208.	8085.	8084.	8240.	8314.	8215.	8202.	8406.	8454.	8366.	8369.	7765.	8154.	8284.
% CHG SAME QTR LAST YR........	8.28	4.67	4.08	3.16	1.28	1.61	1.46	2.01	1.69	1.84	2.03	0.85	5.01	1.59
TRANS, COMM, PUB UTIL...........	10631.	10690.	10613.	10793.	11247.	11129.	10973.	11122.	11510.	11325.	11204.	10410.	10682.	11118.
% CHG SAME QTR LAST YR........	0.92	1.55	2.86	5.20	5.79	4.11	3.39	3.04	2.33	1.76	2.11	-0.58	2.61	4.08
GOVERNMENT.......................	7598.	7703.	7958.	7732.	7765.	7755.	7967.	7772.	7822.	7792.	8028.	7661.	7748.	7815.
% CHG SAME QTR LAST YR........	0.67	1.01	0.74	2.11	2.19	0.67	0.12	0.51	0.73	0.48	0.76	0.67	1.13	0.86
FEDERAL, CIVILIAN...............	11203.	11119.	11118.	11499.	11562.	11267.	11132.	11600.	11720.	11347.	11297.	11195.	11235.	11391.
% CHG SAME QTR LAST YR........	-1.23	0.15	1.08	1.46	3.21	1.33	0.12	0.88	1.36	0.70	1.48	0.82	0.36	1.39
STATE AND LOCAL..................	6643.	6780.	7060.	6743.	6808.	6855.	7114.	6800.	6855.	6894.	7159.	6660.	6807.	6894.
% CHG SAME QTR LAST YR........	3.13	2.15	0.97	2.68	2.47	1.10	0.76	0.84	0.69	0.57	0.63	2.36	2.21	1.28

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 31: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY RATE (1972 SEASONALLY ADJUSTED DOLLARS)

	LAGGED	F O R E C A S T - D A T A									ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONAGRICULTURAL...........	7390.	7421.	7417.	7433.	7523.	7507.	7484.	7541.	7570.	7598.	7591.	7293.	7415.	7514.
% CHG PREV QTR SAAR...........	3.57	1.66	-0.23	0.87	4.92	-0.83	-1.24	3.11	1.52	1.51	-0.38	1.13	1.68	1.33
% CHG SAME QTR LAST YR........	2.71	1.37	1.20	1.46	1.79	1.16	0.90	1.46	0.63	1.22	1.43	1.13	1.68	1.33
MINING..........................	9138.	8749.	9338.	8739.	9250.	8774.	9533.	9006.	8996.	8871.	9262.	9421.	8991.	9141.
% CHG PREV QTR SAAR...........	-3.37	-15.98	29.79	-23.31	25.53	-19.05	39.35	-20.33	-0.43	-5.48	18.86	-2.41	-4.57	1.66
% CHG SAME QTR LAST YR........	-6.72	-4.79	-1.53	-5.19	1.22	0.28	2.08	3.06	-2.74	1.10	-2.84	-2.41	-4.57	1.66
CONSTRUCTION....................	8773.	8246.	8268.	8545.	8872.	8425.	8398.	8612.	8948.	8581.	8609.	8429.	8458.	8576.
% CHG PREV QTR SAAR...........	7.52	-21.94	1.03	14.10	16.20	-18.68	-1.25	10.56	16.58	-15.44	1.32	8.76	0.35	1.40
% CHG SAME QTR LAST YR........	[illegible].50	-0.82	-2.37	-0.82	1.12	2.16	1.58	0.78	0.87	1.85	2.51	8.76	0.35	1.40
MANUFACTURING...................	8175.	8191.	8183.	8164.	8271.	8314.	8285.	8315.	8377.	8453.	8440.	7914.	8178.	8296.
% CHG PREV QTR SAAR...........	9.88	0.80	-0.38	-0.92	5.36	2.06	-1.39	1.45	3.04	3.68	-0.64	1.54	3.34	1.44
% CHG SAME QTR LAST YR........	5.88	3.05	2.27	2.25	1.18	1.50	1.24	1.84	1.28	1.68	1.87	1.54	3.34	1.44
DURABLE GOODS...................	8582.	8519.	8491.	8460.	8653.	8605.	8514.	8513.	8567.	8613.	8567.	8166.	8513.	8571.
% CHG PREV QTR SAAR...........	14.99	-2.88	-1.30	-1.45	9.41	-2.19	-4.15	-0.04	2.56	2.16	-2.14	2.63	4.25	0.68
% CHG SAME QTR LAST YR........	9.54	3.79	1.88	2.09	0.83	1.01	0.27	0.63	-0.99	0.10	0.62	2.63	4.25	0.68
NONDURABLE GOODS................	7869.	7943.	7949.	7933.	7975.	8084.	8102.	8153.	8223.	8324.	8337.	7722.	7924.	8078.
% CHG PREV QTR SAAR...........	5.90	3.79	0.30	-0.77	2.09	5.61	0.88	2.56	3.49	5.01	0.63	0.77	2.61	1.95
% CHG SAME QTR LAST YR........	3.11	2.49	2.58	2.27	1.34	1.78	1.93	2.77	3.12	2.97	2.91	0.77	2.61	1.95
TRADE...........................	5869.	5854.	5889.	5865.	5906.	5895.	5907.	5907.	5918.	5924.	5947.	5841.	5869.	5904.
% CHG PREV QTR SAAR...........	0.85	-1.05	2.42	-1.59	2.84	-0.79	0.86	-0.04	0.78	0.41	1.51	1.47	0.48	0.59
% CHG SAME QTR LAST YR........	2.92	-0.64	-0.44	0.15	0.64	0.70	0.32	0.71	0.20	0.50	0.66	1.47	0.48	0.59
SERVICES........................	6430.	6536.	6591.	6461.	6473.	6486.	6550.	6543.	6450.	6601.	6678.	6456.	6505.	6513.
% CHG PREV QTR SAAR...........	-2.02	6.78	3.44	-7.65	0.74	0.75	4.04	-0.42	-5.56	9.70	4.75	1.20	0.75	0.13
% CHG SAME QTR LAST YR........	-0.07	1.47	1.60	-0.01	0.68	-0.77	-0.63	1.26	-0.36	1.78	1.96	1.20	0.75	0.13
FIN, INS AND REAL EST...........	8131.	8120.	8160.	8204.	8236.	8251.	8279.	8369.	8375.	8402.	8448.	7765.	8154.	8284.
% CHG PREV QTR SAAR...........	9.32	-0.57	2.02	2.14	1.59	0.71	1.40	4.39	0.30	1.31	2.18	0.87	5.01	1.59
% CHG SAME QTR LAST YR........	8.29	4.67	4.06	3.16	1.29	1.61	1.46	2.01	1.69	1.84	2.03	0.87	5.01	1.59
TRANS, COMM AND PUB UTIL........	10429.	10703.	10683.	10913.	11034.	11143.	11045.	11246.	11291.	11339.	11278.	10409.	10682.	11117.
% CHG PREV QTR SAAR...........	2.15	10.92	-0.75	8.91	4.49	4.02	-3.46	7.45	1.64	1.71	-2.13	-0.58	2.63	4.07
% CHG SAME QTR LAST YR........	0.92	1.55	2.85	5.20	5.80	4.11	3.39	3.04	2.33	1.76	2.11	-0.58	2.63	4.07
GOVERNMENT......................	7713.	7790.	7646.	7829.	7885.	7842.	7651.	7870.	7943.	7880.	7709.	7657.	7744.	7812.
% CHG PREV QTR SAAR...........	2.48	4.03	-7.16	9.90	2.88	-2.13	-9.39	11.94	3.77	-3.15	-8.42	0.66	1.14	0.87
% CHG SAME QTR LAST YR........	0.74	1.03	0.67	2.13	2.23	0.68	0.07	0.53	0.74	0.48	0.75	0.66	1.14	0.87
FEDERAL, CIVILIAN...............	11059.	11279.	11209.	11384.	11416.	11428.	11222.	11484.	11571.	11508.	11389.	11193.	11233.	11388.
% CHG PREV QTR SAAR...........	-5.51	8.18	-2.46	6.41	1.12	0.42	-7.00	9.67	3.05	-2.16	-4.09	0.84	0.36	1.38
% CHG SAME QTR LAST YR........	-1.21	0.13	1.02	1.49	3.23	1.32	0.12	0.88	1.36	0.70	1.48	0.84	0.36	1.38
STATE AND LOCAL.................	6795.	6851.	6695.	6868.	6963.	6927.	6746.	6926.	7011.	6967.	6789.	6653.	6802.	6891.
% CHG PREV QTR SAAR...........	6.52	3.33	-8.79	10.72	5.68	-2.04	-10.05	11.07	5.03	-2.50	-9.84	2.37	2.23	1.30
% CHG SAME QTR LAST YR........	3.13	2.19	0.94	2.68	2.48	1.12	0.76	0.84	0.69	0.57	0.63	2.37	2.23	1.30

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 32: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY RATE (CURRENT DOLLARS)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
TOTAL NONAGRICULTURAL	15762.	15698.	15896.	16029.	16796.	16650.	16889.	17195.	17900.	17873.	18187.	14973.	15846.	16882.
% CHG SAME QTR LAST YR	6.96	5.91	5.12	5.39	6.56	6.06	6.24	7.27	6.58	7.34	7.69	6.96	5.83	6.54
MINING	19925.	18935.	19435.	18570.	21110.	19933.	20895.	20236.	21745.	21373.	21557.	19348.	19216.	20544.
% CHG SAME QTR LAST YR	-2.82	-0.29	2.19	-1.63	5.95	5.27	7.51	8.97	3.01	7.23	3.17	3.26	-0.68	6.91
CONSTRUCTION	20326.	17404.	16717.	18153.	21478.	18661.	17884.	19346.	22945.	20157.	19466.	17355.	18150.	19342.
% CHG SAME QTR LAST YR	9.55	3.83	1.40	3.02	5.67	7.22	6.98	6.57	6.83	8.02	8.85	14.91	4.58	6.57
MANUFACTURING	17316.	17359.	17508.	17717.	18340.	18471.	18667.	19079.	19673.	19918.	20191.	16246.	17475.	18639.
% CHG SAME QTR LAST YR	10.36	7.67	6.19	6.19	5.91	6.41	6.62	7.69	7.27	7.83	8.16	7.41	7.56	6.66
DURABLE GOODS	18181.	18003.	18229.	18347.	19186.	19064.	19250.	19522.	20119.	20238.	20565.	16765.	18190.	19256.
% CHG SAME QTR LAST YR	14.19	8.43	5.76	6.05	5.53	5.89	5.60	6.40	4.86	6.16	6.83	8.56	8.50	5.86
NONDURABLE GOODS	16669.	16869.	16963.	17225.	17681.	18002.	18205.	18719.	19312.	19659.	19891.	15852.	16931.	18152.
% CHG SAME QTR LAST YR	7.46	7.09	6.53	6.19	6.07	6.71	7.32	8.67	9.22	9.21	9.26	6.59	6.81	7.21
TRADE	12598.	12489.	12579.	12501.	13267.	13186.	13290.	13313.	14080.	14055.	14205.	11992.	12542.	13264.
% CHG SAME QTR LAST YR	7.18	3.82	3.37	4.02	5.31	5.58	5.65	6.49	6.13	6.59	6.88	7.31	4.58	5.76
SERVICES	13899.	13705.	13899.	14095.	14647.	14257.	14546.	15092.	15457.	15390.	15747.	13258.	13900.	14636.
% CHG SAME QTR LAST YR	4.10	5.99	5.49	3.85	5.38	4.03	4.66	7.08	5.53	7.95	8.26	7.05	4.84	5.30
FIN, INS, REAL EST	17246.	17196.	17366.	17887.	18281.	18319.	18556.	19295.	19688.	19785.	20103.	15945.	17424.	18613.
% CHG SAME QTR LAST YR	12.79	9.35	8.06	7.14	6.00	6.53	6.85	7.87	7.70	8.00	8.34	6.69	9.27	6.82
TRANS, COMM, PUB UTIL	22337.	22738.	22799.	23429.	24732.	24817.	24825.	25528.	26805.	26783.	26915.	21368.	22826.	24976.
% CHG SAME QTR LAST YR	5.12	6.08	6.80	9.26	10.72	9.14	8.89	8.96	8.38	7.92	8.42	5.16	6.82	9.42
GOVERNMENT	15963.	16385.	17095.	16785.	17074.	17293.	18025.	17839.	18215.	18428.	19285.	15730.	16557.	17558.
% CHG SAME QTR LAST YR	4.86	5.53	4.60	6.05	6.96	5.54	5.44	6.28	6.69	6.56	6.99	6.46	5.26	6.04
FEDERAL, CIVILIAN	23537.	23651.	23885.	24961.	25425.	25126.	25185.	26626.	27294.	26834.	27138.	22982.	24008.	25591.
% CHG SAME QTR LAST YR	2.88	4.62	4.95	5.38	8.02	6.24	5.45	6.67	7.35	6.80	7.75	6.62	4.47	6.59
STATE AND LOCAL	13958.	14422.	15167.	14636.	14970.	15287.	16096.	15607.	15964.	16304.	17198.	13675.	14546.	15490.
% CHG SAME QTR LAST YR	7.42	6.72	4.84	6.64	7.25	6.00	6.12	6.63	6.64	6.66	6.85	8.26	6.37	6.49

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 33: TENNESSEE CIVILIAN LABOR FORCE AND UNEMPLOYMENT RATE

	LAGGED	FORECAST - DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
CIVILIAN LABOR FORCE (THOUS)....	2116.	2143.	2164.	2158.	2130.	2183.	2202.	2200.	2164.	2220.	2240.	2131.	2145.	2179.
% CHG SAME QTR LAST YR........	0.23	-0.04	1.11	1.37	0.64	1.84	1.77	1.95	1.59	1.71	1.72	0.57	0.67	1.55
EMPLOYED PERSONS................	1834.	1899.	1942.	1955.	1895.	1972.	2004.	2006.	1951.	2020.	2045.	1879.	1907.	1969.
% CHG SAME QTR LAST YR........	-1.01	-0.08	2.74	4.38	3.30	3.88	3.18	2.61	2.99	2.43	2.04	-2.44	1.51	3.24
UNEMPLOYED PERSONS..............	282.	245.	222.	203.	235.	210.	198.	194.	213.	200.	195.	252.	238.	210.
% CHG SAME QTR LAST YR........	9.17	0.33	-11.23	-20.63	-16.63	-14.00	-10.57	-4.41	-9.67	-5.06	-1.51	30.57	-5.58	-11.93
PARTICIPATION RATE..............	0.594	0.599	0.603	0.600	0.591	0.603	0.607	0.605	0.593	0.607	0.610	0.602	0.599	0.601
% CHG SAME QTR LAST YR........	-0.96	-1.22	-0.08	0.22	-0.52	0.67	0.59	0.75	0.41	0.52	0.52	-0.58	-0.51	0.38
UNEMPLOYMENT RATE (PERCENT).....	13.3	11.4	10.2	9.4	11.1	9.6	9.0	8.8	9.8	9.0	8.7	11.8	11.1	9.6

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: OCTOBER 1983

TABLE 34: TENNESSEE CIVILIAN LABOR FORCE AND UNEMPLOYMENT RATE (SEASONALLY ADJUSTED)

	LAGGED	FORECAST-DATA										ANNUAL		
	1983.1	1983.2	1983.3	1983.4	1984.1	1984.2	1984.3	1984.4	1985.1	1985.2	1985.3	1982	1983	1984
CIVILIAN LABOR FORCE (THOUS)....	2137.	2136.	2153.	2152.	2156.	2174.	2190.	2193.	2194.	2210.	2227.	2132.	2144.	2178.
% CHG PREV QTR SAAR...........	2.03	-0.27	3.30	-0.24	0.88	3.21	3.06	0.52	0.19	3.02	3.13	0.58	0.58	1.58
% CHG SAME QTR LAST YR........	0.11	-0.06	1.08	1.19	0.91	1.78	1.72	1.91	1.74	1.69	1.71	0.58	0.58	1.58
EMPLOYED PERSONS................	1880.	1886.	1925.	1937.	1942.	1959.	1986.	1988.	2001.	2007.	2026.	1879.	1907.	1969.
% CHG PREV QTR SAAR...........	5.32	1.17	8.50	2.67	1.01	3.48	5.60	0.44	2.52	1.23	3.99	-2.43	1.49	3.24
% CHG SAME QTR LAST YR........	-1.02	-0.09	2.75	4.38	3.29	3.88	3.18	2.61	2.99	2.43	2.04	-2.43	1.49	3.24
UNEMPLOYED PERSONS..............	257.	250.	228.	214.	214.	214.	204.	205.	193.	204.	201.	253.	237.	209.
% CHG PREV QTR SAAR...........	-18.54	-10.40	-30.16	-22.41	-0.26	0.80	-18.02	1.29	-20.45	22.99	-5.04	30.63	-6.15	-11.73
% CHG SAME QTR LAST YR........	9.29	0.12	-11.07	-20.70	-16.58	-14.09	-10.57	-4.41	-9.67	-5.06	-1.51	30.63	-6.15	-11.73
PARTICIPATION RATE..............	0.599	0.597	0.600	0.598	0.598	0.601	0.604	0.603	0.601	0.604	0.607	0.603	0.599	0.601
% CHG PREV QTR SAAR...........	0.84	-1.44	2.16	-1.35	-0.34	2.02	1.88	-0.69	-0.96	1.84	1.90	-0.57	-0.60	0.40
% CHG SAME QTR LAST YR........	-1.08	-1.25	-0.10	0.04	-0.25	0.61	0.54	0.71	0.55	0.51	0.51	-0.57	-0.60	0.40
UNEMPLOYMENT RATE (PERCENT).....	12.0	11.7	10.6	10.0	9.9	9.9	9.3	9.3	8.8	9.2	9.0	11.9	11.1	9.6

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

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TABLE 1: TENNESSEE SELECTED INDICATORS

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TN GROSS STATE PRODUCT (MIL. DOL.)...	56019.	63056.	68963.	72635.	80203.	87160.	94634.	100280.	108802.	117148.
PERCENTAGE CHANGE..................	6.94	12.56	9.37	5.32	10.42	8.67	8.57	5.97	8.50	7.67
TN GROSS STATE PRODUCT (MIL 72 $)....	26573.2	28445.8	29402.7	29544.2	31118.5	32321.3	33490.9	33999.3	35311.3	36473.0
PERCENTAGE CHANGE..................	2.06	7.05	3.36	0.48	5.33	3.87	3.62	1.52	3.86	3.29
US GROSS NATIONAL PRODUCT (BIL 72 $).	1535.4	1618.6	1668.1	1688.6	1771.6	1821.1	1871.0	1883.3	1954.5	1997.5
PERCENTAGE CHANGE..................	3.37	5.42	3.06	1.23	4.92	2.79	2.74	0.66	3.78	2.20
TN PERSONAL INCOME (MIL. DOL.).......	43731.	48315.	52568.	56181.	61387.	66797.	72559.	77998.	83995.	90443.
PERCENTAGE CHANGE..................	5.58	10.48	8.80	6.87	9.27	8.81	8.63	7.50	7.69	7.68
TN PERSONAL INCOME (MIL 72 $)........	20473.3	21502.0	22050.3	22544.7	23475.0	24449.8	25405.8	26279.7	27095.1	28087.8
PERCENTAGE CHANGE..................	1.48	5.02	2.55	2.24	4.13	4.15	3.91	3.44	3.10	3.66
US PERSONAL INCOME (BIL 72 $)........	1290.3	1344.9	1384.2	1418.1	1481.5	1522.3	1564.1	1592.7	1635.8	1675.5
PERCENTAGE CHANGE..................	2.73	4.23	2.92	2.45	4.46	2.76	2.74	1.83	2.71	2.42
TN EMPLOYED PERSONS (THOUS)..........	1907.0	1969.0	2011.0	1997.7	2061.9	2100.3	2139.4	2170.1	2211.8	2252.2
PERCENTAGE CHANGE..................	1.49	3.25	2.13	-0.66	3.21	1.86	1.87	1.43	1.92	1.83
US EMPLOYED PERSONS (MIL)............	100.7	104.0	106.5	106.8	110.0	111.9	113.5	114.0	116.7	118.2
PERCENTAGE CHANGE..................	1.22	3.26	2.35	0.33	3.01	1.66	1.48	0.47	2.30	1.29
TN UNEMPLOYMENT RATE.................	11.1	9.6	9.0	9.9	8.1	7.5	7.1	7.2	6.4	6.1
US UNEMPLOYMENT RATE.................	9.7	8.7	8.0	8.7	7.4	7.1	7.0	7.6	6.7	6.6
IMPLICIT DEFLATOR, GSP...............	210.8	221.7	234.5	245.9	257.7	269.7	282.6	294.9	308.1	321.2
PERCENTAGE CHANGE..................	4.78	5.15	5.81	4.82	4.83	4.63	4.78	4.38	4.47	4.24
IMPLICIT DEFLATOR, GNP...............	216.0	227.5	241.2	252.7	265.9	278.9	293.0	306.0	320.8	335.3
PERCENTAGE CHANGE..................	4.41	5.32	6.02	4.77	5.22	4.89	5.06	4.44	4.84	4.52
TN MFG OUTPUT / EMPLOYEE (THOUS 72 $)	20.2	21.1	21.5	21.3	22.2	22.6	23.0	22.7	23.4	23.8
PERCENTAGE CHANGE..................	2.66	4.29	1.95	-0.79	4.17	1.62	1.68	-1.09	3.16	1.54
US MFG OUTPUT / EMPLOYEE (THOUS 72 $)	18.8	19.7	20.1	20.4	21.0	21.6	22.3	22.6	23.3	24.0
PERCENTAGE CHANGE..................	5.29	4.77	2.17	1.45	2.91	3.05	3.05	1.41	3.07	3.20
TN PER CAPITA INCOME ($).............	9349.	10228.	11030.	11718.	12725.	13705.	14728.	15652.	16707.	17788.
PERCENTAGE CHANGE..................	4.98	9.40	7.84	6.23	8.59	7.70	7.46	6.28	6.74	6.47
TN POPULATION (THOUS.)...............	4678.	4722.	4762.	4795.	4824.	4874.	4927.	4983.	5027.	5084.
PERCENTAGE CHANGE..................	0.58	0.94	0.84	0.69	0.62	1.03	1.08	1.15	0.89	1.13

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 2: TENNESSEE GROSS STATE PRODUCT BY SECTOR (MILLIONS OF DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
GROSS STATE PRODUCT	56019.	63056.	68963.	72635.	80203.	87160.	94634.	100280.	108802.	117148.
PERCENTAGE CHANGE	6.94	12.56	9.37	5.32	10.42	8.67	8.57	5.97	8.50	7.67
MANUFACTURING	18281.	20939.	22798.	23606.	26327.	28390.	30494.	31205.	33941.	36103.
PERCENTAGE CHANGE	7.36	14.54	8.88	3.55	11.53	7.83	7.41	2.33	8.77	6.37
DURABLE GOODS	7855.	9234.	10042.	10159.	11439.	12402.	13396.	13558.	14922.	15974.
PERCENTAGE CHANGE	8.82	17.56	8.75	1.16	12.61	8.42	8.02	1.21	10.06	7.05
NONDURABLE GOODS	10426.	11704.	12756.	13448.	14888.	15987.	17097.	17647.	19019.	20129.
PERCENTAGE CHANGE	6.28	12.26	8.98	5.43	10.71	7.38	6.94	3.21	7.78	5.84
CONSTRUCTION	2030.	2396.	2577.	2727.	3076.	3418.	3788.	4064.	4485.	4854.
PERCENTAGE CHANGE	8.12	18.04	7.53	5.85	12.80	11.12	10.82	7.28	10.36	8.22
MINING	575.	699.	810.	879.	1101.	1264.	1421.	1542.	1727.	1879.
PERCENTAGE CHANGE	-1.74	21.53	15.88	8.51	25.36	14.77	12.46	8.51	11.97	8.78
TRADE	9097.	10151.	11131.	11870.	13335.	14720.	16307.	17754.	19440.	21308.
PERCENTAGE CHANGE	9.65	11.58	9.66	6.64	12.34	10.38	10.79	8.87	9.49	9.61
SERVICES	7056.	7836.	8703.	9162.	10031.	10903.	11884.	12828.	13889.	15040.
PERCENTAGE CHANGE	7.91	11.06	11.06	5.27	9.49	8.70	9.00	7.94	8.27	8.29
FINANCE, INSURANCE AND REAL ESTATE	7040.	7745.	8530.	9074.	9862.	10760.	11692.	12600.	13633.	14792.
PERCENTAGE CHANGE	3.24	10.02	10.14	6.38	8.68	9.10	8.66	7.77	8.20	8.50
TRANS., COMM. AND PUBLIC UTIL	4528.	5173.	5628.	5899.	6283.	6719.	7196.	7601.	8103.	8635.
PERCENTAGE CHANGE	5.62	14.24	8.79	4.83	6.50	6.95	7.10	5.63	6.60	6.56
GOVERNMENT	6418.	6989.	7604.	8164.	8865.	9595.	10398.	11171.	12011.	12908.
PERCENTAGE CHANGE	5.93	8.90	8.79	7.37	8.58	8.23	8.37	7.43	7.52	7.47
FEDERAL	2355.	2508.	2720.	2928.	3153.	3380.	3635.	3900.	4193.	4503.
PERCENTAGE CHANGE	2.55	6.50	8.45	7.67	7.66	7.20	7.56	7.30	7.50	7.38
STATE AND LOCAL	4063.	4481.	4884.	5236.	5713.	6215.	6763.	7271.	7818.	8405.
PERCENTAGE CHANGE	7.99	10.29	8.99	7.21	9.10	8.80	8.81	7.50	7.53	7.51
AGRICULTURE	993.	1128.	1183.	1254.	1323.	1391.	1452.	1513.	1573.	1630.
PERCENTAGE CHANGE	11.21	13.64	4.88	5.94	5.49	5.14	4.42	4.23	3.93	3.62
PER CAPITA GROSS STATE PRODUCT ($)	11975.	13354.	14483.	15150.	16625.	17883.	19209.	20124.	21642.	23041.
PERCENTAGE CHANGE	6.32	11.52	8.45	4.60	9.74	7.57	7.41	4.76	7.54	6.46

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 3: TENNESSEE DURABLE GOODS MANUFACTURING GROSS PRODUCT (MILLIONS OF DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL DURABLE GOODS	7855.	9234.	10042.	10159.	11439.	12402.	13396.	13558.	14922.	15974.
PERCENTAGE CHANGE	8.82	17.56	8.75	1.16	12.61	8.42	8.02	1.21	10.06	7.05
LUMBER AND WOOD PRODUCTS	318.	404.	453.	443.	503.	532.	567.	558.	623.	655.
PERCENTAGE CHANGE	16.02	27.12	12.34	-2.24	13.37	5.86	6.67	-1.70	11.74	5.11
FURNITURE AND FIXTURES	510.	589.	651.	688.	797.	862.	921.	933.	1030.	1094.
PERCENTAGE CHANGE	16.83	15.29	10.60	5.65	15.96	8.06	6.92	1.28	10.37	6.21
STONE, CLAY AND GLASS	586.	681.	766.	795.	895.	983.	1071.	1068.	1181.	1260.
PERCENTAGE CHANGE	10.69	16.05	12.60	3.71	12.64	9.87	8.88	-0.22	10.56	6.65
PRIMARY METALS	610.	771.	836.	753.	910.	968.	1044.	969.	1184.	1274.
PERCENTAGE CHANGE	4.71	26.52	8.42	-9.90	20.78	6.32	7.94	-7.23	22.26	7.53
FABRICATED METAL PRODUCTS	1163.	1328.	1432.	1553.	1733.	1915.	2111.	2237.	2443.	2645.
PERCENTAGE CHANGE	7.48	14.15	7.85	8.39	11.62	10.53	10.19	5.99	9.19	8.30
NONELECTRICAL MACHINERY	1520.	1786.	1908.	1949.	2190.	2389.	2593.	2642.	2902.	3096.
PERCENTAGE CHANGE	5.80	17.50	6.87	2.13	12.35	9.10	8.54	1.89	9.83	6.69
ELECTRICAL MACHINERY	1504.	1766.	1897.	1922.	2106.	2249.	2384.	2390.	2565.	2755.
PERCENTAGE CHANGE	7.72	17.42	7.42	1.30	9.59	6.78	5.99	0.25	7.32	7.42
TRANSPORTATION EQUIPMENT	1112.	1322.	1459.	1388.	1573.	1715.	1861.	1882.	2065.	2229.
PERCENTAGE CHANGE	13.53	18.84	10.37	-4.83	13.32	9.04	8.49	1.11	9.76	7.93
OTHER DURABLE GOODS	531.	589.	639.	668.	732.	789.	844.	880.	929.	966.
PERCENTAGE CHANGE	6.16	10.84	8.49	4.54	9.65	7.73	7.03	4.18	5.62	4.04

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 4: TENNESSEE NONDURABLE GOODS MANUFACTURING GROSS PRODUCT (MILLIONS OF DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL NONDURABLE GOODS...............	10426.	11704.	12756.	13448.	14888.	15987.	17097.	17647.	19019.	20129.
PERCENTAGE CHANGE................	6.28	12.26	8.98	5.43	10.71	7.38	6.94	3.21	7.78	5.84
FOOD..............................	1955.	2101.	2292.	2412.	2579.	2746.	2964.	3152.	3374.	3602.
PERCENTAGE CHANGE................	3.94	7.46	9.09	5.24	6.92	6.47	7.92	6.36	7.04	6.76
TEXTILES..........................	566.	645.	715.	737.	817.	888.	972.	928.	1008.	1107.
PERCENTAGE CHANGE................	15.16	14.08	10.81	3.09	10.74	8.73	9.43	-4.46	8.54	9.84
APPAREL...........................	1212.	1321.	1462.	1492.	1663.	1766.	1861.	1910.	2072.	2157.
PERCENTAGE CHANGE................	8.60	8.92	10.73	2.04	11.46	6.18	5.42	2.59	8.51	4.08
PAPER.............................	855.	1043.	1079.	1164.	1291.	1362.	1447.	1501.	1611.	1697.
PERCENTAGE CHANGE................	1.02	21.91	3.44	7.90	10.97	5.45	6.26	3.76	7.32	5.32
PRINTING AND PUBLISHING............	922.	1001.	1086.	1162.	1254.	1356.	1464.	1552.	1656.	1761.
PERCENTAGE CHANGE................	9.82	8.55	8.45	7.03	7.87	8.17	7.99	6.01	6.64	6.40
CHEMICALS.........................	3375.	3775.	4131.	4429.	5060.	5485.	5860.	6014.	6563.	6907.
PERCENTAGE CHANGE................	5.71	11.88	9.42	7.21	14.24	8.41	6.84	2.63	9.13	5.24
RUBBER AND PLASTICS................	975.	1172.	1293.	1314.	1426.	1523.	1625.	1650.	1743.	1846.
PERCENTAGE CHANGE................	9.13	20.28	10.34	1.61	8.52	6.81	6.67	1.58	5.62	5.88
OTHER NONDURABLE GOODS.............	566.	646.	697.	737.	799.	862.	904.	939.	992.	1053.
PERCENTAGE CHANGE................	3.00	14.04	7.96	5.77	8.31	7.86	4.99	3.79	5.68	6.11

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 5: TENNESSEE GROSS STATE PRODUCT BY SECTOR (MILLIONS OF 1972 DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
GROSS STATE PRODUCT	26573.2	28445.8	29402.7	29544.2	31118.5	32321.3	33490.9	33999.3	35311.3	36473.0
PERCENTAGE CHANGE	2.06	7.05	3.36	0.48	5.33	3.87	3.62	1.52	3.86	3.29
MANUFACTURING	9478.6	10476.2	10923.3	10864.7	11675.8	12156.4	12621.7	12505.4	13201.4	13637.5
PERCENTAGE CHANGE	2.81	10.52	4.27	-0.54	7.47	4.12	3.83	-0.92	5.57	3.30
DURABLE GOODS	4010.2	4545.3	4741.3	4634.5	5029.2	5266.6	5494.1	5389.6	5731.8	5952.0
PERCENTAGE CHANGE	3.88	13.34	4.31	-2.25	8.52	4.72	4.32	-1.90	6.35	3.84
NONDURABLE GOODS	5468.4	5930.9	6181.9	6230.1	6646.5	6889.9	7127.6	7115.8	7469.6	7685.5
PERCENTAGE CHANGE	2.05	8.46	4.23	0.78	6.68	3.66	3.45	-0.17	4.97	2.89
CONSTRUCTION	724.7	802.3	810.9	810.0	849.8	883.1	913.5	934.7	962.4	986.7
PERCENTAGE CHANGE	-0.87	10.70	1.08	-0.11	4.92	3.91	3.45	2.32	2.97	2.52
MINING	112.3	129.4	130.0	132.6	141.6	146.3	150.5	150.2	156.9	158.1
PERCENTAGE CHANGE	3.13	15.21	0.46	1.96	6.82	3.30	2.90	-0.22	4.46	0.79
TRADE	4353.3	4618.7	4783.6	4815.4	5124.9	5346.8	5569.4	5760.6	5944.9	6174.5
PERCENTAGE CHANGE	3.71	6.10	3.57	0.66	6.43	4.33	4.16	3.43	3.20	3.86
SERVICES	3160.2	3276.3	3370.0	3381.9	3510.9	3644.2	3774.0	3894.4	3999.1	4127.3
PERCENTAGE CHANGE	2.36	3.67	2.86	0.35	3.81	3.80	3.56	3.19	2.69	3.21
FINANCE, INSURANCE AND REAL ESTATE	3367.1	3476.5	3580.8	3635.6	3780.1	3958.8	4122.7	4285.8	4437.8	4625.4
PERCENTAGE CHANGE	-0.20	3.25	3.00	1.53	3.98	4.73	4.14	3.96	3.55	4.23
TRANS., COMM. AND PUBLIC UTIL	2143.7	2338.6	2437.4	2474.5	2543.8	2621.4	2704.5	2763.4	2843.4	2926.9
PERCENTAGE CHANGE	0.72	9.09	4.22	1.52	2.80	3.05	3.17	2.18	2.89	2.94
GOVERNMENT	2718.7	2779.1	2831.1	2868.9	2925.6	2995.1	3062.7	3131.7	3190.6	3261.0
PERCENTAGE CHANGE	-0.14	2.22	1.87	1.34	1.98	2.38	2.26	2.25	1.88	2.20
FEDERAL	1001.2	993.4	999.0	1020.0	1038.4	1059.4	1082.8	1108.7	1133.3	1160.2
PERCENTAGE CHANGE	-3.20	-0.78	0.56	2.10	1.81	2.03	2.21	2.39	2.22	2.37
STATE AND LOCAL	1717.4	1785.7	1832.0	1848.9	1887.2	1935.7	1979.8	2023.0	2057.4	2100.8
PERCENTAGE CHANGE	1.74	3.97	2.60	0.92	2.07	2.57	2.28	2.18	1.70	2.11
AGRICULTURE	515.9	555.4	551.1	560.8	566.0	569.3	571.9	573.1	574.9	575.7
PERCENTAGE CHANGE	9.89	7.66	-0.77	1.75	0.94	0.58	0.45	0.22	0.31	0.14
PER CAPITA GROSS STATE PRODUCT ($)	5681.	6024.	6175.	6162.	6451.	6632.	6798.	6823.	7024.	7174.
PERCENTAGE CHANGE	1.47	6.05	2.50	-0.21	4.68	2.81	2.51	0.37	2.94	2.13

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 6: TENNESSEE DURABLE GOODS MANUFACTURING GROSS PRODUCT (MILLIONS OF 1972 DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL DURABLE GOODS	4010.2	4545.3	4741.3	4634.5	5029.2	5266.6	5494.1	5389.6	5731.8	5952.0
PERCENTAGE CHANGE	3.88	13.34	4.31	-2.25	8.52	4.72	4.32	-1.90	6.35	3.84
LUMBER AND WOOD PRODUCTS	168.7	196.3	206.5	195.4	210.9	214.1	217.8	208.4	222.9	224.2
PERCENTAGE CHANGE	6.21	16.36	5.18	-5.39	7.95	1.51	1.71	-4.30	6.95	0.58
FURNITURE AND FIXTURES	240.4	275.5	288.0	294.4	323.9	336.8	348.6	342.3	362.9	373.8
PERCENTAGE CHANGE	3.07	14.59	4.53	2.21	10.02	4.00	3.48	-1.81	6.02	3.01
STONE, CLAY AND GLASS	290.5	325.5	348.5	347.2	379.5	401.9	422.9	409.2	443.3	462.0
PERCENTAGE CHANGE	7.01	12.06	7.07	-0.37	9.29	5.92	5.22	-3.24	8.32	4.22
PRIMARY METALS	251.3	289.4	304.1	276.2	311.2	315.6	324.9	296.8	342.2	353.1
PERCENTAGE CHANGE	1.82	15.17	5.07	-9.17	12.69	1.40	2.94	-8.63	15.30	3.17
FABRICATED METAL PRODUCTS	523.4	587.9	609.5	621.5	663.4	705.5	747.6	763.0	802.2	841.1
PERCENTAGE CHANGE	4.00	12.33	3.68	1.96	6.75	6.34	5.98	2.05	5.14	4.85
NONELECTRICAL MACHINERY	790.7	907.4	942.5	933.1	1017.1	1078.1	1132.8	1115.8	1190.3	1235.0
PERCENTAGE CHANGE	3.93	14.75	3.87	-1.00	9.01	6.00	5.08	-1.51	6.68	3.76
ELECTRICAL MACHINERY	870.0	985.0	1013.4	993.1	1062.6	1105.1	1143.7	1120.8	1182.4	1243.8
PERCENTAGE CHANGE	2.68	13.23	2.88	-2.00	6.99	4.00	3.49	-2.00	5.49	5.19
TRANSPORTATION EQUIPMENT	577.1	656.6	693.7	640.6	708.5	743.9	777.4	754.1	799.4	827.4
PERCENTAGE CHANGE	5.10	13.78	5.65	-7.66	10.61	5.00	4.51	-3.00	6.00	3.50
OTHER DURABLE GOODS	298.1	321.7	335.2	333.1	352.1	365.5	378.3	379.3	386.3	391.7
PERCENTAGE CHANGE	2.91	7.91	4.19	-0.61	5.70	3.80	3.51	0.24	1.87	1.40

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 7: TENNESSEE NONDURABLE GOODS MANUFACTURING GROSS PRODUCT (MILLIONS OF 1972 DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL NONDURABLE GOODS..............	5468.4	5930.9	6181.9	6230.1	6646.5	6889.9	7127.6	7115.8	7469.6	7685.5
PERCENTAGE CHANGE................	2.05	8.46	4.23	0.78	6.68	3.66	3.45	-0.17	4.97	2.89
FOOD.............................	1128.9	1173.8	1217.2	1229.4	1278.6	1319.5	1379.7	1417.2	1475.3	1529.5
PERCENTAGE CHANGE................	2.08	3.98	3.70	1.00	4.01	3.20	4.56	2.72	4.10	3.67
TEXTILES.........................	338.8	379.7	393.2	387.5	407.7	426.9	453.8	422.9	444.1	476.2
PERCENTAGE CHANGE................	6.47	12.07	3.56	-1.47	5.22	4.71	6.31	-6.81	5.00	7.24
APPAREL..........................	740.6	796.9	837.9	815.3	877.1	894.0	905.3	893.6	945.4	957.3
PERCENTAGE CHANGE................	5.02	7.61	5.14	-2.70	7.58	1.93	1.26	-1.30	5.79	1.26
PAPER............................	399.3	467.2	454.5	462.0	493.1	503.6	516.0	514.5	536.9	545.3
PERCENTAGE CHANGE................	-4.22	17.00	-2.70	1.64	6.73	2.13	2.47	-0.30	4.35	1.56
PRINTING AND PUBLISHING............	404.0	432.5	450.9	457.6	473.1	488.5	503.9	512.0	525.9	539.0
PERCENTAGE CHANGE................	3.66	7.05	4.26	1.47	3.39	3.26	3.16	1.60	2.71	2.49
CHEMICALS........................	1663.2	1782.6	1873.6	1930.6	2126.7	2239.7	2332.0	2332.0	2494.6	2567.6
PERCENTAGE CHANGE................	1.03	7.18	5.10	3.04	10.16	5.31	4.12	-0.00	6.97	2.93
RUBBER AND PLASTICS................	518.6	592.0	637.7	628.2	659.6	676.1	692.3	678.4	695.4	709.6
PERCENTAGE CHANGE................	2.33	14.14	7.73	-1.50	5.01	2.50	2.40	-2.01	2.51	2.05
OTHER NONDURABLE GOODS.............	275.1	306.2	316.8	319.7	330.6	341.5	344.6	345.3	352.2	361.0
PERCENTAGE CHANGE................	2.00	11.34	3.45	0.91	3.42	3.29	0.91	0.20	2.00	2.50

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 8: TENNESSEE EMPLOYMENT BY SECTOR (THOUSANDS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
NONAGRICULTURAL JOBS.................	1685.5	1756.7	1800.4	1809.6	1852.0	1897.6	1944.6	1981.9	2032.1	2081.4
PERCENTAGE CHANGE.............	-0.17	4.22	2.49	0.51	2.34	2.46	2.48	1.92	2.53	2.43
MANUFACTURING......................	468.7	496.7	508.0	509.3	525.4	538.3	549.6	550.6	563.4	573.2
PERCENTAGE CHANGE.............	0.15	5.97	2.27	0.26	3.16	2.45	2.11	0.17	2.33	1.74
CONSTRUCTION.......................	64.6	72.6	76.6	76.4	76.8	77.7	79.1	80.7	82.6	84.6
PERCENTAGE CHANGE.............	-9.14	12.38	5.51	-0.22	0.46	1.20	1.85	1.92	2.37	2.48
MINING.............................	9.0	10.4	10.5	10.6	11.2	11.8	12.3	12.7	13.2	13.5
PERCENTAGE CHANGE.............	-8.16	15.56	0.96	0.93	5.40	5.33	4.67	3.18	3.62	2.91
TRADE..............................	367.9	379.7	391.3	395.8	406.4	418.9	432.2	445.4	458.4	471.5
PERCENTAGE CHANGE.............	0.11	3.21	3.06	1.15	2.68	3.07	3.17	3.06	2.90	2.88
SERVICES...........................	321.1	331.9	341.4	347.7	355.5	364.6	374.8	385.8	397.3	409.5
PERCENTAGE CHANGE.............	2.36	3.36	2.86	1.84	2.24	2.56	2.79	2.93	2.98	3.08
FINANCE, INSURANCE AND REAL EST....	79.5	80.5	81.8	82.3	85.7	89.7	93.3	96.8	100.0	103.8
PERCENTAGE CHANGE.............	-0.50	1.26	1.61	0.66	4.14	4.62	4.00	3.75	3.32	3.84
TRANS., COMM. AND PUBLIC UTILITIES.	81.4	85.8	86.4	87.7	89.5	91.3	93.2	95.1	96.9	98.7
PERCENTAGE CHANGE.............	-1.93	5.41	0.70	1.56	1.95	2.09	2.10	2.00	1.93	1.85
GOVERNMENT.........................	293.3	299.1	304.4	299.7	301.5	305.3	310.0	314.9	320.4	326.5
PERCENTAGE CHANGE.............	-0.68	1.98	1.77	-1.55	0.60	1.27	1.54	1.59	1.74	1.89
FEDERAL, CIVILIAN................	62.4	61.3	61.4	59.4	59.7	60.5	61.8	63.4	65.3	67.5
PERCENTAGE CHANGE.............	-4.44	-1.76	0.16	-3.27	0.51	1.36	2.06	2.65	2.98	3.35
STATE AND LOCAL..................	231.0	237.8	243.0	240.3	241.8	244.8	248.3	251.5	255.1	259.0
PERCENTAGE CHANGE.............	0.43	2.94	2.19	-1.12	0.63	1.24	1.41	1.32	1.43	1.52
TOTAL EMPLOYMENT (THOUS. PERSONS)....	1907.0	1969.0	2011.0	1997.7	2061.9	2100.3	2139.4	2170.1	2211.8	2252.2
PERCENTAGE CHANGE.............	1.49	3.25	2.13	-0.66	3.21	1.86	1.87	1.43	1.92	1.83
UNEMPLOYMENT (THOUS. PERSONS)........	237.0	209.0	200.0	219.3	180.8	169.4	163.1	169.6	150.1	146.7
PERCENTAGE CHANGE.............	-5.95	-11.81	-4.31	9.64	-17.54	-6.30	-3.74	3.96	-11.47	-2.32
UNEMPLOYMENT RATE (PERCENT)..........	11.1	9.6	9.0	9.9	8.1	7.5	7.1	7.2	6.4	6.1
CIVILIAN LABOR FORCE (THOUS. PERSONS)	2144.0	2178.0	2211.0	2217.0	2242.7	2269.7	2302.6	2339.7	2361.9	2398.8
PERCENTAGE CHANGE.............	0.61	1.59	1.52	0.27	1.16	1.20	1.45	1.61	0.95	1.56

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 9: TENNESSEE DURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF JOBS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL DURABLE GOODS	202.6	219.8	226.7	226.8	237.2	245.1	252.6	253.6	263.6	271.0
PERCENTAGE CHANGE	0.10	8.49	3.14	0.04	4.57	3.35	3.07	0.37	3.94	2.81
LUMBER AND WOOD PRODUCTS	15.5	16.7	17.6	17.3	17.5	17.4	17.3	16.8	16.9	16.9
PERCENTAGE CHANGE	-0.64	7.74	5.39	-1.50	0.99	-0.72	-0.59	-2.93	0.76	-0.20
FURNITURE AND FIXTURES	20.9	22.7	23.4	23.9	25.6	26.1	26.0	24.9	25.9	25.9
PERCENTAGE CHANGE	1.95	8.61	3.08	2.20	6.97	2.00	-0.51	-3.95	3.81	0.05
STONE, CLAY AND GLASS	12.5	13.8	14.5	14.5	14.8	15.2	15.7	15.8	16.2	16.6
PERCENTAGE CHANGE	1.63	10.40	5.07	-0.08	2.31	2.76	2.78	1.13	2.48	2.32
PRIMARY METALS	16.8	17.8	18.3	17.5	18.7	18.8	19.1	18.2	19.6	20.0
PERCENTAGE CHANGE	1.82	5.95	2.81	-4.48	6.70	0.83	1.57	-4.61	7.77	1.66
FABRICATED METAL PRODUCTS	28.0	29.7	30.7	31.4	32.7	34.3	36.1	37.6	39.3	41.0
PERCENTAGE CHANGE	-2.44	6.07	3.37	2.34	4.06	4.88	5.20	4.20	4.46	4.48
NONELECTRICAL MACHINERY	30.7	32.9	33.8	33.8	36.6	38.8	40.8	40.8	43.1	44.6
PERCENTAGE CHANGE	-2.23	7.17	2.74	0.01	8.42	5.94	4.97	0.17	5.56	3.39
ELECTRICAL MACHINERY	38.1	41.4	41.8	41.8	43.6	45.2	46.7	47.0	48.3	49.9
PERCENTAGE CHANGE	1.06	8.66	0.97	0.10	4.17	3.74	3.21	0.62	2.93	3.29
TRANSPORTATION EQUIPMENT	22.5	25.6	26.7	26.6	27.6	28.9	30.3	31.2	32.5	33.9
PERCENTAGE CHANGE	0.00	13.78	4.30	-0.26	3.62	4.56	4.97	2.89	4.23	4.33
OTHER DURABLE GOODS	17.7	19.1	19.9	19.9	20.1	20.4	20.9	21.3	21.8	22.3
PERCENTAGE CHANGE	2.91	7.91	4.19	-0.10	1.00	1.65	2.17	2.06	2.23	2.31

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 10: TENNESSEE NONDURABLE GOODS MANUFACTURING EMPLOYMENT
(THOUSANDS OF JOBS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL NONDURABLE GOODS	266.1	276.9	281.3	282.5	288.2	293.2	297.0	297.0	299.8	302.2
PERCENTAGE CHANGE	0.19	4.06	1.59	0.43	2.02	1.71	1.30	-0.00	0.95	0.80
FOOD	38.0	38.7	39.0	39.2	39.8	40.4	41.1	41.7	42.4	43.0
PERCENTAGE CHANGE	-0.60	1.84	0.78	0.63	1.30	1.57	1.70	1.61	1.56	1.45
TEXTILES	25.7	27.3	27.8	27.8	28.3	28.7	29.3	28.4	28.3	28.8
PERCENTAGE CHANGE	1.98	6.23	1.83	-0.03	1.70	1.60	1.96	-3.01	-0.21	1.80
APPAREL	65.0	66.3	66.9	66.4	67.1	67.3	67.1	66.2	66.2	65.6
PERCENTAGE CHANGE	1.56	2.00	0.90	-0.75	1.05	0.36	-0.40	-1.32	-0.03	-0.91
PAPER	15.9	17.5	18.1	18.2	18.6	18.9	19.2	19.4	19.7	20.0
PERCENTAGE CHANGE	-4.79	10.06	3.43	0.50	2.12	1.86	1.72	0.96	1.58	1.28
PRINTING AND PUBLISHING	28.3	28.5	28.6	28.8	29.4	30.1	30.8	31.6	32.4	33.1
PERCENTAGE CHANGE	3.66	0.71	0.35	0.84	1.89	2.36	2.54	2.47	2.43	2.35
CHEMICALS	54.1	55.7	56.4	57.3	59.3	60.8	61.7	61.4	62.0	62.1
PERCENTAGE CHANGE	-3.05	2.96	1.26	1.55	3.47	2.58	1.43	-0.40	0.89	0.30
RUBBER AND PLASTICS	19.8	22.6	23.5	23.8	24.5	25.2	25.8	25.9	26.2	26.6
PERCENTAGE CHANGE	1.02	14.14	3.98	1.28	2.95	2.68	2.36	0.59	1.22	1.35
OTHER NONDURABLE GOODS	19.4	20.3	21.0	21.0	21.4	21.8	22.1	22.3	22.6	22.9
PERCENTAGE CHANGE	3.74	4.64	3.45	-0.16	1.97	1.85	1.33	1.12	1.37	1.39

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 11: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY BY SECTOR (DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
ALL SECTORS	15732.	16765.	17821.	18777.	19968.	21219.	22566.	23817.	25202.	26638.
PERCENTAGE CHANGE	5.34	6.57	6.30	5.37	6.34	6.26	6.35	5.54	5.82	5.70
MANUFACTURING	17475.	18639.	19923.	21083.	22527.	24045.	25676.	27235.	28801.	30493.
PERCENTAGE CHANGE	7.15	6.66	6.89	5.82	6.85	6.74	6.78	6.07	5.75	5.87
DURABLE GOODS	18190.	19256.	20300.	21468.	22826.	24279.	25865.	27492.	28953.	30630.
PERCENTAGE CHANGE	9.29	5.86	5.42	5.76	6.32	6.36	6.53	6.29	5.31	5.79
NONDURABLE GOODS	16931.	18152.	19620.	20774.	22280.	23850.	25515.	27016.	28667.	30370.
PERCENTAGE CHANGE	5.48	7.21	8.09	5.88	7.25	7.04	6.98	5.88	6.11	5.94
CONSTRUCTION	18150.	19342.	20608.	21832.	23067.	24295.	25709.	26925.	28551.	30201.
PERCENTAGE CHANGE	9.72	6.57	6.55	5.94	5.66	5.32	5.82	4.73	6.04	5.78
MINING	19216.	20544.	21390.	22565.	23987.	25513.	27137.	28714.	30220.	31704.
PERCENTAGE CHANGE	4.41	6.91	4.12	5.49	6.30	6.36	6.36	5.81	5.25	4.91
TRADE	12542.	13264.	14026.	14613.	15385.	16179.	17040.	17708.	18667.	19525.
PERCENTAGE CHANGE	-0.69	5.76	5.74	4.19	5.28	5.16	5.32	3.92	5.42	4.59
SERVICES	13900.	14636.	15555.	16545.	17685.	18935.	20289.	21670.	23068.	24526.
PERCENTAGE CHANGE	4.21	5.29	6.28	6.36	6.89	7.07	7.15	6.81	6.45	6.32
FINANCE, INSURANCE AND REAL ESTATE	17424.	18613.	19889.	21046.	22474.	24007.	25682.	27262.	28891.	30599.
PERCENTAGE CHANGE	6.02	6.82	6.86	5.82	6.78	6.82	6.98	6.15	5.97	5.91
TRANS., COMM. AND PUBLIC UTIL	22826.	24976.	26735.	28175.	30529.	32796.	35247.	37509.	40039.	42623.
PERCENTAGE CHANGE	5.33	9.42	7.04	5.38	8.36	7.42	7.47	6.42	6.75	6.45
GOVERNMENT	16581.	17560.	18573.	19433.	20447.	21558.	22737.	23920.	25227.	26683.
PERCENTAGE CHANGE	5.14	5.91	5.77	4.63	5.22	5.43	5.47	5.20	5.46	5.77
FEDERAL, CIVILIAN	24088.	25591.	27276.	29083.	31050.	33178.	35477.	37900.	40428.	43082.
PERCENTAGE CHANGE	1.25	6.24	6.58	6.62	6.77	6.85	6.93	6.83	6.67	6.56
STATE AND LOCAL	14546.	15490.	16374.	17047.	17829.	18686.	19568.	20398.	21338.	22412.
PERCENTAGE CHANGE	7.80	6.49	5.71	4.11	4.59	4.80	4.72	4.24	4.61	5.03
AGRICULTURE	6467.	6791.	7130.	7483.	7936.	8436.	8977.	9496.	10011.	10587.
PERCENTAGE CHANGE	6.00	5.00	5.00	4.95	6.05	6.31	6.40	5.79	5.42	5.75

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 12: TENNESSEE DURABLE GOODS MANUFACTURING AVERAGE ANNUAL WAGE AND SALARY BY SECTOR (DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL DURABLE GOODS	18190.	19256.	20300.	21468.	22826.	24279.	25865.	27492.	28953.	30630.
PERCENTAGE CHANGE	9.29	5.86	5.42	5.76	6.32	6.36	6.53	6.29	5.31	5.79
LUMBER AND WOOD PRODUCTS	12938.	13779.	14495.	15187.	16219.	17542.	18844.	20197.	21364.	22679.
PERCENTAGE CHANGE	9.00	6.50	5.20	4.78	6.79	8.16	7.42	7.18	5.78	6.15
FURNITURE AND FIXTURES	13438.	13455.	14007.	14591.	15773.	16800.	18156.	19397.	20603.	21943.
PERCENTAGE CHANGE	11.81	0.13	4.10	4.17	8.10	6.51	8.07	6.84	6.22	6.50
STONE, CLAY AND GLASS	21595.	22458.	23668.	25177.	26838.	28565.	30593.	32416.	34426.	36506.
PERCENTAGE CHANGE	11.64	4.00	5.38	6.38	6.60	6.44	7.10	5.96	6.20	6.04
PRIMARY METALS	21639.	23063.	24493.	25955.	28061.	29913.	31226.	33145.	33489.	35294.
PERCENTAGE CHANGE	5.00	6.58	6.20	5.97	8.11	6.60	4.39	6.14	1.04	5.39
FABRICATED METAL PRODUCTS	18514.	19582.	20699.	21644.	22833.	24177.	25595.	26908.	28371.	29910.
PERCENTAGE CHANGE	8.00	5.77	5.70	4.57	5.50	5.88	5.87	5.13	5.44	5.42
NONELECTRICAL MACHINERY	19692.	21228.	22353.	23803.	24637.	26019.	27643.	29650.	31095.	32975.
PERCENTAGE CHANGE	8.20	7.80	5.30	6.49	3.51	5.61	6.24	7.26	4.87	6.05
ELECTRICAL MACHINERY	17010.	18305.	19422.	20574.	22188.	23747.	25457.	27199.	28810.	30443.
PERCENTAGE CHANGE	13.20	7.62	6.10	5.93	7.85	7.03	7.20	6.84	5.92	5.67
TRANSPORTATION EQUIPMENT	22286.	23451.	24787.	26452.	27868.	29383.	31142.	32862.	34712.	36498.
PERCENTAGE CHANGE	11.34	5.22	5.70	6.72	5.35	5.44	5.99	5.52	5.63	5.15
OTHER DURABLE GOODS	17035.	17613.	18247.	19534.	20891.	22011.	23059.	23904.	25142.	26313.
PERCENTAGE CHANGE	5.00	3.39	3.60	7.05	6.95	5.36	4.76	3.67	5.18	4.66

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 13: TENNESSEE NONDURABLE GOODS MANUFACTURING AVERAGE ANNUAL WAGE AND SALARY (DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL NONDURABLE GOODS	16931.	18152.	19620.	20774.	22280.	23850.	25515.	27016.	28667.	30370.
PERCENTAGE CHANGE	5.48	7.21	8.09	5.88	7.25	7.04	6.98	5.88	6.11	5.94
FOOD	18164.	19399.	21145.	22552.	24052.	25697.	27474.	29125.	30885.	32784.
PERCENTAGE CHANGE	5.70	6.80	9.00	6.66	6.65	6.84	6.91	6.01	6.04	6.15
TEXTILES	13051.	14030.	15152.	15680.	16889.	18012.	19177.	19820.	21111.	22317.
PERCENTAGE CHANGE	10.00	7.50	8.00	3.48	7.72	6.65	6.47	3.35	6.51	5.72
APPAREL	9654.	10484.	11511.	12091.	12906.	13699.	14570.	15319.	16218.	17136.
PERCENTAGE CHANGE	7.00	8.60	9.80	5.04	6.74	6.15	6.36	5.14	5.87	5.66
PAPER	22842.	24806.	26245.	27793.	29981.	32120.	34178.	36010.	38126.	40041.
PERCENTAGE CHANGE	8.00	8.60	5.80	5.90	7.87	7.14	6.41	5.36	5.88	5.02
PRINTING AND PUBLISHING	14386.	15106.	16178.	17234.	18320.	19420.	20575.	21598.	22692.	23788.
PERCENTAGE CHANGE	3.00	5.00	7.10	6.53	6.30	6.00	5.95	4.97	5.07	4.83
CHEMICALS	25874.	27380.	29331.	30885.	33006.	35303.	37836.	40189.	42525.	45033.
PERCENTAGE CHANGE	4.80	5.82	7.12	5.30	6.87	6.96	7.17	6.22	5.81	5.90
RUBBER AND PLASTICS	21464.	23074.	25173.	26873.	28759.	30853.	33105.	35441.	38003.	40617.
PERCENTAGE CHANGE	9.10	7.50	9.10	6.75	7.02	7.28	7.30	7.05	7.23	6.88
OTHER NONDURABLE GOODS	13169.	14104.	15218.	15933.	17124.	18372.	19608.	20721.	21907.	23269.
PERCENTAGE CHANGE	5.95	7.10	7.90	4.70	7.47	7.29	6.73	5.68	5.72	6.22

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 14: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY BY SECTOR (1972 DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
ALL SECTORS	7365.	7461.	7475.	7535.	7636.	7767.	7901.	8025.	8130.	8273.
PERCENTAGE CHANGE	1.25	1.30	0.19	0.80	1.34	1.71	1.73	1.56	1.31	1.76
MANUFACTURING	8181.	8295.	8357.	8460.	8614.	8801.	8990.	9176.	9291.	9470.
PERCENTAGE CHANGE	2.99	1.39	0.75	1.24	1.82	2.17	2.15	2.07	1.25	1.93
DURABLE GOODS	8516.	8570.	8515.	8615.	8729.	8887.	9056.	9263.	9340.	9512.
PERCENTAGE CHANGE	5.04	0.63	-0.64	1.17	1.32	1.81	1.91	2.28	0.83	1.85
NONDURABLE GOODS	7926.	8078.	8230.	8336.	8520.	8730.	8934.	9102.	9248.	9432.
PERCENTAGE CHANGE	1.38	1.92	1.88	1.29	2.20	2.46	2.34	1.88	1.60	1.99
CONSTRUCTION	8497.	8608.	8644.	8761.	8821.	8893.	9002.	9072.	9210.	9379.
PERCENTAGE CHANGE	5.46	1.30	0.42	1.35	0.69	0.81	1.22	0.78	1.52	1.84
MINING	8996.	9143.	8972.	9055.	9173.	9339.	9502.	9674.	9749.	9846.
PERCENTAGE CHANGE	0.35	1.63	-1.87	0.92	1.30	1.81	1.74	1.82	0.77	1.00
TRADE	5872.	5903.	5883.	5864.	5883.	5922.	5966.	5966.	6022.	6064.
PERCENTAGE CHANGE	-4.55	0.53	-0.33	-0.33	0.33	0.66	0.75	-0.00	0.93	0.70
SERVICES	6507.	6514.	6525.	6639.	6763.	6931.	7104.	7301.	7441.	7617.
PERCENTAGE CHANGE	0.16	0.09	0.17	1.75	1.86	2.48	2.50	2.78	1.92	2.36
FINANCE, INSURANCE AND REAL ESTATE.	8157.	8283.	8343.	8446.	8594.	8788.	8992.	9185.	9320.	9503.
PERCENTAGE CHANGE	1.90	1.55	0.71	1.23	1.76	2.25	2.33	2.14	1.46	1.97
TRANS., COMM. AND PUBLIC UTIL	10686.	11115.	11214.	11306.	11675.	12004.	12341.	12638.	12916.	13237.
PERCENTAGE CHANGE	1.24	4.01	0.89	0.82	3.26	2.82	2.81	2.40	2.20	2.49
GOVERNMENT	7763.	7815.	7791.	7798.	7819.	7891.	7961.	8059.	8138.	8287.
PERCENTAGE CHANGE	1.05	0.67	-0.31	0.09	0.27	0.92	0.89	1.23	0.97	1.83
FEDERAL, CIVILIAN	11277.	11389.	11441.	11671.	11874.	12144.	12422.	12769.	13041.	13380.
PERCENTAGE CHANGE	-2.69	0.99	0.46	2.00	1.74	2.28	2.29	2.80	2.13	2.59
STATE AND LOCAL	6810.	6894.	6868.	6841.	6818.	6840.	6852.	6873.	6883.	6960.
PERCENTAGE CHANGE	3.61	1.23	-0.37	-0.40	-0.33	0.32	0.17	0.31	0.16	1.12
AGRICULTURE	3028.	3022.	2991.	3003.	3035.	3088.	3143.	3200.	3229.	3288.
PERCENTAGE CHANGE	1.88	-0.19	-1.03	0.41	1.06	1.75	1.78	1.80	0.93	1.81

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 15: TENNESSEE DURABLE GOODS MANUFACTURING AVERAGE ANNUAL WAGE AND SALARY (1972 DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL DURABLE GOODS..................	8516.	8570.	8515.	8615.	8729.	8887.	9056.	9263.	9340.	9512.
PERCENTAGE CHANGE................	5.04	0.63	-0.64	1.17	1.32	1.81	1.91	2.28	0.83	1.85
LUMBER AND WOOD PRODUCTS...........	6057.	6132.	6080.	6094.	6202.	6421.	6598.	6805.	6892.	7043.
PERCENTAGE CHANGE................	4.76	1.24	-0.85	0.23	1.77	3.53	2.75	3.14	1.28	2.20
FURNITURE AND FIXTURES.............	6291.	5988.	5875.	5855.	6032.	6149.	6357.	6535.	6646.	6815.
PERCENTAGE CHANGE................	7.46	-4.82	-1.88	-0.34	3.02	1.95	3.38	2.80	1.70	2.54
STONE, CLAY AND GLASS..............	10110.	9995.	9928.	10103.	10263.	10456.	10712.	10922.	11105.	11337.
PERCENTAGE CHANGE................	7.30	-1.14	-0.67	1.77	1.58	1.88	2.45	1.96	1.68	2.09
PRIMARY METALS.....................	10131.	10264.	10274.	10415.	10731.	10949.	10934.	11167.	10803.	10961.
PERCENTAGE CHANGE................	0.92	1.31	0.10	1.38	3.03	2.03	-0.14	2.14	-3.26	1.46
FABRICATED METAL PRODUCTS..........	8668.	8715.	8682.	8685.	8732.	8850.	8962.	9066.	9152.	9289.
PERCENTAGE CHANGE................	3.80	0.55	-0.37	0.03	0.54	1.35	1.27	1.16	0.95	1.50
NONELECTRICAL MACHINERY............	9219.	9447.	9376.	9552.	9421.	9524.	9679.	9990.	10031.	10241.
PERCENTAGE CHANGE................	4.00	2.47	-0.75	1.87	-1.36	1.09	1.63	3.21	0.41	2.09
ELECTRICAL MACHINERY...............	7963.	8147.	8147.	8256.	8485.	8692.	8914.	9164.	9294.	9454.
PERCENTAGE CHANGE................	8.80	2.30	0.00	1.34	2.77	2.45	2.54	2.81	1.41	1.73
TRANSPORTATION EQUIPMENT...........	10434.	10436.	10397.	10615.	10657.	10755.	10904.	11072.	11197.	11335.
PERCENTAGE CHANGE................	7.01	0.03	-0.37	2.09	0.40	0.92	1.38	1.54	1.13	1.23
OTHER DURABLE GOODS................	7975.	7838.	7654.	7839.	7989.	8057.	8074.	8054.	8110.	8172.
PERCENTAGE CHANGE................	0.92	-1.71	-2.35	2.41	1.92	0.85	0.21	-0.25	0.70	0.76

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 16: TENNESSEE NONDURABLE GOODS MANUFACTURING AVERAGE ANNUAL WAGE AND SALARY (1972 DOLLARS)

	FORECAST - DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL NONDURABLE GOODS	7926.	8078.	8230.	8336.	8520.	8730.	8934.	9102.	9248.	9432.
PERCENTAGE CHANGE	1.38	1.92	1.88	1.29	2.20	2.46	2.34	1.88	1.60	1.99
FOOD	8504.	8633.	8869.	9050.	9198.	9406.	9620.	9813.	9963.	10181.
PERCENTAGE CHANGE	1.59	1.52	2.74	2.04	1.63	2.27	2.27	2.01	1.53	2.19
TEXTILES	6110.	6244.	6356.	6292.	6459.	6593.	6715.	6678.	6810.	6931.
PERCENTAGE CHANGE	5.73	2.19	1.79	-1.00	2.65	2.08	1.84	-0.55	1.98	1.78
APPAREL	4519.	4666.	4828.	4852.	4935.	5014.	5102.	5161.	5232.	5322.
PERCENTAGE CHANGE	2.84	3.24	3.49	0.49	1.72	1.60	1.74	1.17	1.36	1.72
PAPER	10694.	11040.	11009.	11153.	11465.	11757.	11967.	12133.	12299.	12435.
PERCENTAGE CHANGE	3.80	3.24	-0.28	1.31	2.80	2.55	1.79	1.39	1.37	1.11
PRINTING AND PUBLISHING	6735.	6723.	6786.	6916.	7006.	7108.	7204.	7277.	7320.	7388.
PERCENTAGE CHANGE	-1.00	-0.19	0.95	1.91	1.30	1.46	1.35	1.01	0.59	0.93
CHEMICALS	12113.	12185.	12303.	12394.	12622.	12922.	13248.	13541.	13718.	13985.
PERCENTAGE CHANGE	0.73	0.60	0.97	0.73	1.84	2.38	2.52	2.21	1.31	1.95
RUBBER AND PLASTICS	10049.	10269.	10559.	10784.	10998.	11293.	11591.	11941.	12259.	12614.
PERCENTAGE CHANGE	4.86	2.19	2.83	2.12	1.99	2.69	2.64	3.01	2.66	2.89
OTHER NONDURABLE GOODS	6165.	6277.	6383.	6394.	6548.	6725.	6865.	6981.	7067.	7226.
PERCENTAGE CHANGE	1.83	1.81	1.70	0.16	2.42	2.69	2.09	1.69	1.22	2.26

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 17: TENNESSEE PERSONAL INCOME BY COMPONENTS

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL PERSONAL INCOME (MIL $)........	43731.	48315.	52568.	56181.	61387.	66797.	72559.	77998.	83995.	90443.
PERCENTAGE CHANGE................	5.58	10.48	8.80	6.87	9.27	8.81	8.63	7.50	7.69	7.68
WAGES AND SALARIES.................	27231.	30232.	32935.	34816.	37886.	41234.	44920.	48296.	52384.	56687.
PERCENTAGE CHANGE................	5.29	11.02	8.94	5.71	8.82	8.84	8.94	7.52	8.46	8.21
OTHER LABOR INCOME.................	2903.	3267.	3559.	3772.	4048.	4380.	4768.	5181.	5639.	6136.
PERCENTAGE CHANGE................	8.38	12.54	8.95	5.96	7.32	8.21	8.85	8.66	8.85	8.81
PROPRIETORS' INCOME................	2145.	2399.	2592.	2697.	3003.	3229.	3451.	3545.	3800.	3983.
PERCENTAGE CHANGE................	16.86	11.84	8.06	4.04	11.33	7.53	6.88	2.74	7.20	4.80
PROPERTY INCOME....................	6952.	7824.	8705.	9662.	10949.	12238.	13377.	14564.	15507.	16633.
PERCENTAGE CHANGE................	2.60	12.54	11.26	10.99	13.32	11.78	9.30	8.88	6.48	7.26
TRANSFER INCOME....................	7145.	7674.	8213.	8885.	9493.	10176.	10943.	11761.	12523.	13412.
PERCENTAGE CHANGE................	6.93	7.40	7.02	8.19	6.84	7.19	7.54	7.48	6.48	7.09
LESS: PERS. CONT. FOR SOCIAL INS...	2248.	2630.	2921.	3125.	3450.	3906.	4330.	4767.	5264.	5797.
PERCENTAGE CHANGE................	10.01	16.99	11.05	6.99	10.42	13.19	10.86	10.11	10.41	10.14
RESIDENCE ADJUSTMENT...............	-397.	-451.	-516.	-526.	-540.	-555.	-569.	-582.	-596.	-610.
PERCENTAGE CHANGE................	6.84	13.60	14.34	1.97	2.73	2.67	2.63	2.24	2.41	2.30
PER CAPITA PERSONAL INCOME ($).......	9349.	10228.	11030.	11718.	12725.	13705.	14728.	15652.	16707.	17788.
PERCENTAGE CHANGE................	4.98	9.40	7.84	6.23	8.59	7.70	7.46	6.28	6.74	6.47
TOTAL PERSONAL INCOME (MIL 72 $).....	20473.3	21502.0	22050.3	22544.7	23475.0	24449.8	25405.8	26279.7	27095.1	28087.8
PERCENTAGE CHANGE................	1.48	5.02	2.55	2.24	4.13	4.15	3.91	3.44	3.10	3.66
PER CAPITA PERSONAL INCOME (72 $)....	4377.	4554.	4631.	4702.	4866.	5017.	5157.	5274.	5389.	5524.
PERCENTAGE CHANGE................	0.89	4.05	1.69	1.54	3.49	3.09	2.80	2.27	2.19	2.50
TN INDIVIDUAL IRS COLLECTIONS (MIL $)	4991.3	5678.6	6402.9	7258.9	8388.1	9569.1	10862.6	12096.6	13538.3	15076.3
PERCENTAGE CHANGE................	14.56	13.77	12.76	13.37	15.56	14.08	13.52	11.36	11.92	11.36
DISPOSABLE PERSONAL INCOME (MIL $)...	38744.	42617.	46120.	48922.	52999.	57228.	61696.	65902.	70456.	75366.
PERCENTAGE CHANGE................	4.54	10.00	8.22	6.08	8.33	7.98	7.81	6.82	6.91	6.97
PER CAPITA DISPOSABLE PERSONAL INCOME ($)..................................	8282.	9026.	9686.	10204.	10986.	11742.	12523.	13225.	14014.	14823.
PERCENTAGE CHANGE................	3.94	8.97	7.31	5.35	7.67	6.88	6.66	5.60	5.97	5.77
DISPOSABLE INCOME (MIL 72 $).........	18138.7	18966.3	19345.4	19631.8	20267.3	20947.2	21602.4	22204.0	22727.8	23405.7
PERCENTAGE CHANGE................	0.47	4.56	2.00	1.48	3.24	3.35	3.13	2.79	2.36	2.98
PER CAPITA DISPOSABLE INCOME (72 $)..	3878.	4017.	4063.	4095.	4201.	4298.	4385.	4456.	4521.	4603.
PERCENTAGE CHANGE................	-0.10	3.59	1.15	0.78	2.60	2.30	2.02	1.62	1.46	1.83

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 18: TENNESSEE RETAIL SALES

	FORECAST - DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
TOTAL (MIL $)	21157.	23268.	25721.	27716.	29955.	32478.	35127.	37368.	40029.	42810.
PERCENTAGE CHANGE	10.02	9.98	10.54	7.76	8.08	8.42	8.15	6.38	7.12	6.95
AUTOMOTIVE	4055.	4549.	4994.	5287.	5731.	6152.	6631.	6725.	7274.	7826.
PERCENTAGE CHANGE	21.10	12.20	9.77	5.86	8.40	7.36	7.78	1.41	8.15	7.60
NONAUTOMOTIVE	17103.	18719.	20727.	22429.	24224.	26326.	28495.	30643.	32756.	34984.
PERCENTAGE CHANGE	7.68	9.45	10.73	8.21	8.00	8.68	8.24	7.54	6.90	6.80
TOTAL (MIL 72 $)	9905.	10355.	10789.	11122.	11455.	11888.	12299.	12590.	12913.	13295.
PERCENTAGE CHANGE	5.74	4.54	4.19	3.09	2.99	3.78	3.46	2.37	2.56	2.96
AUTOMOTIVE	1898.	2025.	2095.	2121.	2191.	2252.	2322.	2266.	2346.	2430.
PERCENTAGE CHANGE	16.39	6.65	3.46	1.27	3.30	2.76	3.10	-2.41	3.55	3.59
NONAUTOMOTIVE	8007.	8331.	8694.	9001.	9264.	9636.	9977.	10324.	10566.	10865.
PERCENTAGE CHANGE	3.50	4.04	4.37	3.52	2.92	4.02	3.54	3.48	2.34	2.82
MOTOR VEHICLE REGISTRATIONS	3873.	3929.	3984.	4051.	4134.	4191.	4250.	4304.	4372.	4421.
PERCENTAGE CHANGE	1.02	1.44	1.40	1.70	2.05	1.36	1.43	1.25	1.59	1.11

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 19: TENNESSEE ENERGY CONSUMPTION - SELECTED CATEGORIES

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
ELECTRICITY (MIL. KWH)...............	56115.	57172.	57954.	58333.	60043.	61832.	63376.	63670.	64962.	66272.
PERCENTAGE CHANGE................	0.18	1.88	1.37	0.65	2.93	2.98	2.50	0.46	2.03	2.02
RESIDENTIAL........................	24032.	24510.	24830.	25092.	25468.	25859.	26165.	26258.	26535.	26923.
PERCENTAGE CHANGE................	1.00	1.99	1.31	1.06	1.50	1.54	1.18	0.35	1.05	1.47
COMMERCIAL.........................	4480.	4621.	4765.	4745.	4925.	5244.	5513.	5593.	5858.	6066.
PERCENTAGE CHANGE................	1.27	3.15	3.11	-0.41	3.79	6.48	5.11	1.46	4.74	3.55
INDUSTRIAL.........................	20767.	20999.	21266.	21395.	22267.	23127.	23923.	24227.	24859.	25461.
PERCENTAGE CHANGE................	-0.43	1.12	1.27	0.61	4.07	3.87	3.44	1.27	2.61	2.42
DIRECTLY SERVED COMM AND IND.......	6836.	7041.	7093.	7100.	7383.	7601.	7774.	7592.	7711.	7822.
PERCENTAGE CHANGE................	-1.49	3.00	0.74	0.09	3.99	2.95	2.28	-2.34	1.56	1.44
TOTAL GAS (MIL. THERMS)..............	1975.	1919.	1871.	1840.	1828.	1828.	1839.	1843.	1862.	1882.
PERCENTAGE CHANGE................	-5.84	-2.84	-2.48	-1.69	-0.65	0.03	0.57	0.24	0.99	1.10
RESIDENTIAL........................	428.	416.	406.	398.	390.	384.	378.	372.	368.	364.
PERCENTAGE CHANGE................	-3.44	-2.76	-2.48	-1.99	-1.92	-1.75	-1.56	-1.40	-1.21	-1.09
COMMERCIAL.........................	353.	347.	347.	348.	353.	360.	368.	375.	384.	393.
PERCENTAGE CHANGE................	-6.97	-1.74	-0.23	0.46	1.47	1.95	2.28	1.82	2.33	2.35
INDUSTRIAL.........................	1193.	1155.	1119.	1093.	1084.	1085.	1093.	1096.	1110.	1125.
PERCENTAGE CHANGE................	-6.34	-3.20	-3.16	-2.25	-0.86	0.05	0.76	0.28	1.28	1.39
COAL (THOUS. TONS)..................	19674.	19726.	19814.	19893.	20051.	20263.	20487.	20647.	20825.	21014.
PERCENTAGE CHANGE................	-0.18	0.26	0.45	0.40	0.80	1.06	1.10	0.78	0.86	0.91
GASOLINE (MIL. GAL.)................	2317.	2355.	2401.	2442.	2477.	2521.	2565.	2599.	2630.	2655.
PERCENTAGE CHANGE................	-0.30	1.65	1.94	1.73	1.44	1.75	1.77	1.30	1.20	0.96
FUEL OIL (THOUS. BARRELS)............	18422.	18696.	19019.	19043.	19622.	20072.	20442.	20333.	20651.	20789.
PERCENTAGE CHANGE................	-0.15	1.48	1.73	0.13	3.04	2.29	1.85	-0.54	1.56	0.67

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 20: TENNESSEE ENERGY PRICES - SELECTED CATEGORIES

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
ELECTRICITY (CENTS/KILOWATT-HOUR)....	4.83	5.02	5.22	5.43	5.69	5.92	6.20	6.52	6.83	7.15
PERCENTAGE CHANGE................	2.54	3.92	3.89	4.04	4.83	4.01	4.80	5.20	4.68	4.65
RESIDENTIAL.........................	4.75	4.93	5.12	5.35	5.62	5.86	6.14	6.46	6.74	7.01
PERCENTAGE CHANGE................	2.78	3.89	3.89	4.36	5.01	4.39	4.82	5.06	4.38	4.06
COMMERCIAL..........................	5.77	5.99	6.24	6.46	6.81	6.99	7.27	7.68	8.02	8.42
PERCENTAGE CHANGE................	2.27	3.90	4.19	3.49	5.43	2.62	4.05	5.57	4.40	5.08
INDUSTRIAL..........................	4.73	4.91	5.09	5.29	5.53	5.74	6.02	6.33	6.65	6.98
PERCENTAGE CHANGE................	2.30	3.89	3.72	3.88	4.43	3.82	4.90	5.22	4.98	5.08
TOTAL GAS (CENTS/THERM)...............	40.7	41.8	45.9	47.5	52.2	56.0	59.7	63.2	66.9	70.9
PERCENTAGE CHANGE................	3.95	2.90	9.68	3.41	10.00	7.31	6.57	5.86	5.86	5.92
RESIDENTIAL.........................	40.8	41.3	43.7	44.4	47.2	49.4	51.5	53.4	55.5	57.6
PERCENTAGE CHANGE................	1.15	1.23	5.85	1.71	6.31	4.62	4.20	3.75	3.82	3.89
COMMERCIAL..........................	45.3	45.9	49.1	50.0	53.7	56.6	59.2	61.7	64.4	67.2
PERCENTAGE CHANGE................	6.49	1.40	7.03	1.82	7.44	5.25	4.71	4.21	4.27	4.37
INDUSTRIAL..........................	39.3	40.8	45.7	47.7	53.5	58.2	62.7	67.0	71.6	76.4
PERCENTAGE CHANGE................	4.15	3.99	11.91	4.49	12.04	8.75	7.77	6.90	6.79	6.79
COAL PRICE ($/TON)....................	45.18	47.19	48.92	50.89	53.29	56.04	59.09	62.26	65.44	68.59
PERCENTAGE CHANGE................	4.36	4.46	3.65	4.03	4.71	5.16	5.44	5.37	5.10	4.82

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 21: TENNESSEE COMMERCIAL BANKS AND SAVINGS AND LOANS - ASSETS AND LIABLITIES (MILLIONS OF DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
COMMERCIAL BANKS										
ASSETS	30561.	34030.	37225.	40277.	44524.	49573.	54288.	58840.	64500.	70902.
PERCENTAGE CHANGE	8.02	11.35	9.39	8.20	10.54	11.34	9.51	8.38	9.62	9.93
TOTAL LOANS	15786.	18035.	20074.	22088.	24754.	27913.	30830.	33650.	37102.	40988.
PERCENTAGE CHANGE	7.76	14.25	11.31	10.03	12.07	12.76	10.45	9.15	10.26	10.47
SECURITIES AND OTHER INVESTMENTS	14776.	15995.	17151.	18190.	19770.	21659.	23458.	25190.	27398.	29914.
PERCENTAGE CHANGE	8.30	8.25	7.23	6.06	8.69	9.56	8.31	7.38	8.77	9.18
LIABILITIES										
TOTAL DEPOSITS	24884.	27792.	30485.	32875.	36248.	40169.	43869.	47402.	51829.	56826.
PERCENTAGE CHANGE	8.70	11.69	9.69	7.84	10.26	10.82	9.21	8.05	9.34	9.64
DEMAND DEPOSITS	5482.	5830.	6142.	6391.	6745.	7179.	7358.	7609.	8034.	8479.
PERCENTAGE CHANGE	2.84	6.34	5.36	4.05	5.54	6.43	2.49	3.41	5.59	5.54
TIME DEPOSITS	19401.	21962.	24343.	26484.	29503.	32990.	36511.	39794.	43795.	48347.
PERCENTAGE CHANGE	10.47	13.20	10.84	8.80	11.40	11.82	10.67	8.99	10.06	10.39
AVERAGE YIELDS (PERCENT)										
LOANS	12.39	12.64	13.40	12.23	11.93	10.84	10.43	9.57	9.19	8.62
PERCENTAGE CHANGE	-17.43	2.00	5.98	-8.71	-2.51	-9.08	-3.76	-8.26	-4.03	-6.15
SECURITIES	10.38	10.33	10.87	9.94	9.45	8.34	7.68	6.99	6.37	5.85
PERCENTAGE CHANGE	-19.64	-0.44	5.25	-8.58	-4.90	-11.79	-7.85	-9.05	-8.78	-8.29
SAVINGS AND LOANS										
ASSETS	8628.	9564.	10483.	11535.	13011.	14849.	16693.	18659.	20914.	23595.
PERCENTAGE CHANGE	8.77	10.85	9.61	10.03	12.80	14.13	12.42	11.77	12.09	12.81
TOTAL LOANS	6873.	7873.	8785.	9766.	11082.	12691.	14293.	15993.	17937.	20243.
PERCENTAGE CHANGE	13.30	14.55	11.59	11.16	13.48	14.52	12.62	11.89	12.16	12.85
SECURITIES AND OTHER INVESTMENTS	1755.	1691.	1698.	1769.	1929.	2159.	2400.	2666.	2977.	3352.
PERCENTAGE CHANGE	-5.97	-3.66	0.40	4.20	9.06	11.89	11.18	11.07	11.68	12.58
LIABILITIES										
TIME DEPOSITS	7004.	7923.	8767.	9686.	10939.	12483.	14024.	15664.	17545.	19780.
PERCENTAGE CHANGE	9.79	13.12	10.65	10.48	12.94	14.11	12.35	11.69	12.01	12.74

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
CONTROL SOLUTION: NOVEMBER 1983

TABLE 22: TENNESSEE AGRICULTURAL OUTPUT (MILLIONS OF DOLLARS)

	FORECAST-DATA									
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
CASH RECEIPTS	2127.2	2307.9	2445.5	2580.0	2724.4	2875.9	3023.7	3178.0	3334.2	3493.6
PERCENTAGE CHANGE	0.69	8.49	5.96	5.50	5.60	5.56	5.14	5.10	4.91	4.78
CROPS	1178.4	1284.4	1348.6	1429.5	1516.0	1608.9	1701.1	1799.6	1899.6	2004.2
PERCENTAGE CHANGE	-3.98	8.99	5.00	6.00	6.05	6.13	5.73	5.79	5.55	5.51
MEAT ANIMALS	495.3	549.1	596.4	630.0	664.3	699.4	731.1	764.1	795.1	826.1
PERCENTAGE CHANGE	12.76	10.88	8.62	5.62	5.44	5.28	4.54	4.51	4.06	3.90
DAIRY PRODUCTS	338.0	357.5	380.7	397.9	417.9	437.4	457.3	476.0	497.2	517.0
PERCENTAGE CHANGE	3.50	5.76	6.47	4.54	5.02	4.65	4.56	4.09	4.46	3.97
POULTRY AND EGGS	115.5	116.8	119.8	122.6	126.2	130.3	134.2	138.3	142.3	146.4
PERCENTAGE CHANGE	-3.33	1.17	2.55	2.32	2.98	3.23	2.99	3.09	2.88	2.83
EXPENSES	1134.2	1179.5	1262.1	1326.3	1401.9	1485.3	1571.6	1664.6	1761.2	1863.6
PERCENTAGE CHANGE	-7.00	3.99	7.00	5.09	5.70	5.95	5.81	5.92	5.81	5.81
GROSS OUTPUT	992.9	1128.4	1183.4	1253.8	1322.6	1390.6	1452.1	1513.5	1573.0	1630.0
PERCENTAGE CHANGE	11.21	13.64	4.88	5.94	5.49	5.14	4.42	4.23	3.93	3.62
GROSS OUTPUT (MIL 72 $)	515.9	555.4	551.1	560.8	566.0	569.3	571.9	573.1	574.9	575.7
PERCENTAGE CHANGE	9.89	7.66	-0.77	1.75	0.94	0.58	0.45	0.22	0.31	0.14
FARM WAGE AND SALARY JOBS	21.3	20.9	20.8	20.4	21.3	21.8	22.0	21.9	22.5	22.7
PERCENTAGE CHANGE	-0.99	-1.96	-0.50	-1.56	4.43	1.91	1.17	-0.48	2.86	0.76

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

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QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 1: SELECTED ECONOMIC INDICATORS (SEASONALLY ADJUSTED)

	HISTORICAL - DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
US GNP (BIL 72 $)................	1461.4	1464.2	1477.9	1510.1	1512.5	1525.8	1506.9	1485.8	1489.3	1485.7	1480.7	1475.0	1513.8	1485.4
% CHG PREV QTR SAAR...........	-9.03	0.77	3.80	9.00	0.64	3.56	-4.86	-5.48	0.95	-0.96	-1.34	-0.30	2.63	-1.88
% CHG SAME QTR LAST YR........	-0.53	-1.51	-0.77	0.92	3.50	4.21	1.96	-1.61	-1.53	-2.63	-1.74	-0.30	2.63	-1.88
US PERS CON DEFL (1972=100).....	176.9	181.1	185.3	189.1	192.3	195.9	199.2	201.7	203.6	206.9	209.0	179.0	194.1	205.3
% CHG PREV QTR SAAR...........	10.09	9.84	9.60	8.46	6.94	7.70	6.91	5.11	3.82	6.64	4.12	10.19	8.45	5.76
% CHG SAME QTR LAST YR........	10.20	10.31	10.22	9.50	8.71	8.17	7.50	6.66	5.88	5.62	4.92	10.19	8.45	5.76
TN PERSONAL INCOME (MIL $)......	34274.	35491.	36528.	37728.	38574.	39647.	39927.	40119.	40932.	41545.	42028.	35028.	38969.	41156.
% CHG PREV QTR SAAR...........	5.50	14.98	12.21	13.80	9.28	11.60	2.85	1.94	8.36	6.13	4.73	9.53	11.25	5.61
% CHG SAME QTR LAST YR........	9.15	9.49	9.90	11.56	12.55	11.71	9.31	6.34	6.11	4.79	5.26	9.53	11.25	5.61
TN PERSONAL INCOME (MIL 72 $)...	19375.	19597.	19713.	19951.	20059.	20238.	20044.	19890.	20104.	20080.	20109.	19567.	20073.	20046.
% CHG PREV QTR SAAR...........	-4.16	4.68	2.38	4.93	2.18	3.62	-3.79	-3.02	4.37	-0.48	0.59	-0.60	2.59	-0.14
% CHG SAME QTR LAST YR........	-0.96	-0.74	-0.29	1.89	3.53	3.27	1.68	-0.31	0.22	-0.78	0.33	-0.60	2.59	-0.14
US PERSONAL INCOME (BIL 72 $)...	1197.4	1207.1	1222.3	1236.5	1245.0	1271.5	1263.4	1253.4	1258.9	1252.4	1259.3	1209.6	1254.1	1256.0
% CHG PREV QTR SAAR...........	-4.55	3.27	5.16	4.73	2.78	8.78	-2.54	-3.12	1.78	-2.05	2.22	0.72	3.68	0.15
% CHG SAME QTR LAST YR........	0.28	-0.01	1.01	2.07	3.98	5.34	3.36	1.36	1.12	-1.50	-0.32	0.72	3.68	0.15
TN NONAGRIC JOBS (THOUS)........	1747.0	1730.1	1744.2	1756.9	1761.6	1762.7	1747.6	1715.5	1696.0	1678.8	1663.8	1747.5	1757.2	1688.5
% CHG PREV QTR SAAR...........	-4.87	-3.81	3.32	2.94	1.06	0.25	-3.38	-7.14	-4.48	-3.99	-3.52	-1.68	0.55	-3.91
% CHG SAME QTR LAST YR........	-1.81	-2.87	-1.87	-0.68	0.84	1.88	0.19	-2.36	-3.72	-4.76	-4.79	-1.68	0.55	-3.91
US NONAGRIC JOBS (MIL)..........	90.3	89.9	90.6	91.0	91.2	91.4	91.0	90.3	89.9	89.3	88.8	90.4	91.2	89.6
% CHG PREV QTR SAAR...........	-2.50	-1.78	3.12	1.72	0.94	1.08	-1.82	-2.96	-1.77	-2.74	-2.31	0.66	0.82	-1.71
% CHG SAME QTR LAST YR........	0.72	-0.28	0.13	0.11	0.99	1.71	0.47	-0.70	-1.38	-2.32	-2.45	0.66	0.82	-1.71
TN UNEMPLOYMENT RATE (%)........	7.2	8.0	8.2	8.7	9.1	8.7	10.0	11.0	11.7	12.0	12.7	7.3	9.1	11.9
US UNEMPLOYMENT RATE (%)........	7.3	7.7	7.4	7.4	7.4	7.4	8.3	8.8	9.4	10.0	10.7	7.2	7.6	9.7
TN MFG JOBS (THOUS)..............	503.7	489.9	499.1	503.5	512.6	514.6	503.8	482.3	468.4	463.6	457.4	502.8	508.6	467.9
% CHG PREV QTR SAAR...........	-10.79	-10.49	7.74	3.53	7.41	1.57	-8.13	-15.95	-11.04	-4.07	-5.29	-4.20	1.16	-7.99
% CHG SAME QTR LAST YR........	-4.53	-6.29	-3.98	-2.85	1.76	5.03	0.93	-4.20	-8.61	-9.90	-9.21	-4.20	1.16	-7.99
US MFG JOBS (MIL)...............	20.3	19.9	20.1	20.2	20.3	20.3	19.9	19.4	19.1	18.7	18.3	20.3	20.2	18.9
% CHG PREV QTR SAAR...........	-10.58	-7.46	5.08	0.76	2.34	0.14	-7.24	-9.50	-7.54	-7.68	-8.64	-3.59	-0.58	-6.53
% CHG SAME QTR LAST YR........	-4.00	-5.57	-3.86	-3.25	0.07	2.06	-1.07	-3.69	-6.11	-8.00	-8.34	-3.59	-0.58	-6.53
TN MFG AVE WEEKLY HOURS.........	39.5	39.2	40.1	40.1	40.2	39.8	39.5	37.9	38.7	38.9	39.0	39.7	39.9	38.6
% CHG PREV QTR SAAR...........	-4.98	-2.19	9.42	0.00	0.68	-3.59	-3.43	-15.49	8.58	2.23	1.72	-0.00	0.54	-3.29
% CHG SAVE QTR LAST YR........	0.38	-1.26	0.90	0.42	1.88	1.52	-1.60	-5.66	-3.86	-2.44	-1.16	-0.00	0.54	-3.29
US MFG AVE WEEKLY HOURS.........	39.4	39.5	39.9	40.1	40.0	39.8	39.4	38.7	39.1	39.0	39.0	39.7	39.8	38.9
% CHG PREV QTR SAAR...........	-5.74	0.16	4.37	1.83	-0.39	-2.58	-3.60	-7.34	4.60	-0.64	-0.23	-1.24	0.28	-2.17
% CHG SAME QTR LAST YR........	-1.03	-1.88	-0.62	0.08	1.48	0.77	-1.21	-3.51	-2.32	-1.84	-0.99	-1.24	0.28	-2.17

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 2: COMPARATIVE MANUFACTURING INDICATORS (SEASONALLY ADJUSTED)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TN DURABLE MFG JOBS (THOUS).....	223.6	212.5	220.6	223.2	228.2	230.4	221.3	210.5	203.2	200.0	195.8	223.2	225.8	202.4
% CHG PREV QTR SAAR...........	-19.59	-18.31	16.10	4.68	9.40	3.89	-14.89	-18.11	-13.20	-6.18	-8.07	-7.32	1.16	-10.36
% CHG SAME QTR LAST YR........	-7.68	-11.89	-7.52	-5.48	2.09	8.41	0.32	-5.66	-10.96	-13.20	-11.51	-7.32	1.16	-10.36
US DURABLE MFG JOBS (MIL).......	12.2	11.9	12.1	12.1	12.2	12.2	11.9	11.6	11.3	11.0	10.6	12.2	12.1	11.1
% CHG PREV QTR SAAR...........	-14.29	-9.54	7.66	1.26	2.70	-0.26	-8.93	-11.61	-9.44	-10.10	-12.69	-4.49	-0.66	-8.33
% CHG SAME QTR LAST YR........	-5.11	-7.23	-4.79	-4.11	0.32	2.80	-1.41	-4.71	-7.66	-10.03	-10.97	-4.49	-0.66	-8.33
TN DURABLES AVE WEEKLY HOURS....	39.6	39.4	40.5	40.6	40.8	40.4	39.6	38.6	39.1	39.4	39.5	40.0	40.4	39.2
% CHG PREV QTR SAAR...........	-6.75	-2.00	11.56	0.95	1.71	-3.93	-7.87	-9.45	5.53	2.57	1.15	-0.48	0.91	-2.97
% CHG SAME QTR LAST YR........	-0.32	-1.85	0.71	0.72	2.93	2.42	-2.36	-4.98	-4.10	-2.52	-0.22	-0.48	0.91	-2.97
US DURABLES AVE WEEKLY HOURS....	39.8	39.9	40.4	40.5	40.5	40.2	39.8	39.1	39.5	39.4	39.3	40.1	40.3	39.3
% CHG PREV QTR SAAR...........	-6.74	1.01	5.11	0.99	0.00	-2.93	-3.92	-6.85	4.15	-1.01	-1.01	-1.59	0.25	-2.30
% CHG SAME QTR LAST YR........	-1.49	-2.21	-0.49	0.00	1.76	0.75	-1.49	-3.46	-2.47	-1.99	-1.26	-1.59	0.25	-2.30
TN NONDUR MFG JOBS (THOUS)......	280.1	277.4	278.5	280.3	284.3	284.1	282.4	271.8	265.2	263.6	261.5	279.6	282.8	265.5
% CHG PREV QTR SAAR...........	-2.89	-3.86	1.65	2.62	5.84	-0.27	-2.36	-14.24	-9.34	-2.42	-3.13	-1.56	1.16	-6.11
% CHG SAME QTR LAST YR........	-1.85	-1.50	-0.99	-0.66	1.50	2.44	1.41	-3.04	-6.72	-7.23	-7.41	-1.56	1.16	-6.11
US NONDUR MFG JOBS (MIL)........	8.1	8.0	8.1	8.1	8.1	8.1	8.0	7.9	7.8	7.7	7.7	8.1	8.1	7.8
% CHG PREV QTR SAAR...........	-4.64	-4.27	1.35	0.00	1.80	0.74	-4.66	-6.29	-4.69	-4.10	-2.62	-2.21	-0.46	-3.82
% CHG SAME QTR LAST YR........	-2.28	-3.00	-2.42	-1.92	-0.31	0.97	-0.56	-2.16	-3.76	-4.94	-4.43	-2.21	-0.46	-3.82
TN NONDUR AVE WEEKLY HOURS......	39.3	39.1	39.8	39.7	39.7	39.4	39.4	37.3	38.3	38.5	38.7	39.5	39.6	38.2
% CHG PREV QTR SAAR...........	-3.39	-2.29	7.67	-0.78	-0.20	-3.34	0.40	-19.96	11.12	2.01	2.22	0.45	0.25	-3.49
% CHG SAME QTR LAST YR........	1.00	-0.69	1.13	0.21	1.03	0.76	-0.99	-6.17	-3.61	-2.30	-1.87	0.45	0.25	-3.49
US NONDUR AVE WEEKLY HOURS......	38.9	38.8	39.1	39.4	39.3	39.1	38.8	38.0	38.5	38.5	38.6	39.0	39.1	38.4
% CHG PREV QTR SAAR...........	-4.01	-1.02	3.13	3.10	-1.01	-2.02	-3.03	-8.00	5.37	0.00	1.04	-0.64	0.32	-1.92
% CHG SAME QTR LAST YR........	-0.26	-1.27	-0.76	0.25	1.03	0.77	-0.77	-3.55	-2.04	-1.53	-0.52	-0.64	0.32	-1.92

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 3: TENNESSEE PERSONAL INCOME, SEASONALLY ADJUSTED ANNUAL RATES
(MILLIONS OF DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL PERSONAL INCOME (CUR).....	34274.	35491.	36528.	37728.	38574.	39647.	39927.	40119.	40932.	41545.	42028.	35028.	38969.	41156.
% CHG PREV QTR SAAR.........	5.50	14.98	12.21	13.80	9.28	11.60	2.85	1.94	8.36	6.13	4.73	9.53	11.25	5.61
% CHG SAME QTR LAST YR......	9.15	9.49	9.90	11.56	12.55	11.71	9.31	6.34	6.11	4.79	5.26	9.53	11.25	5.61
WAGES AND SALARIES............	22633.	23028.	23750.	24469.	24982.	25394.	25346.	25379.	25760.	25942.	25974.	22949.	25048.	25764.
% CHG PREV QTR SAAR.........	4.52	7.17	13.14	12.67	8.65	6.76	-0.75	0.52	6.14	2.86	0.49	8.04	9.15	2.86
% CHG SAME QTR LAST YR......	8.22	7.35	8.23	9.31	10.38	10.27	6.72	3.72	3.11	2.16	2.48	8.04	9.15	2.86
OTHER LABOR INCOME............	2170.	2208.	2262.	2338.	2413.	2474.	2510.	2539.	2617.	2681.	2731.	2192.	2434.	2642.
% CHG PREV QTR SAAR.........	8.54	7.19	10.15	14.13	13.46	10.50	5.95	4.70	12.87	10.15	7.67	8.72	11.05	8.56
% CHG SAME QTR LAST YR......	9.21	8.45	8.39	9.97	11.20	12.05	10.96	8.60	8.45	8.37	8.80	8.72	11.05	8.56
PROPRIETORS INCOME............	1616.	1657.	1705.	1863.	1867.	1909.	1868.	1812.	1838.	1861.	2030.	1694.	1877.	1885.
% CHG PREV QTR SAAR.........	-34.45	10.54	12.10	42.55	0.86	9.31	-8.32	-11.46	5.86	5.10	41.58	-20.33	10.82	0.45
% CHG SAME QTR LAST YR......	-25.32	-21.84	-17.91	3.73	15.53	15.21	9.56	-2.74	-1.55	-2.51	8.67	-20.33	10.82	0.45
RENT INTEREST DIVIDENDS.......	4773.	4938.	5161.	5536.	5783.	6082.	6261.	6400.	6589.	6697.	6706.	4860.	5916.	6598.
% CHG PREV QTR SAAR.........	19.30	14.56	19.32	32.39	19.08	22.34	12.30	9.18	12.35	6.72	0.54	21.62	21.72	11.54
% CHG SAME QTR LAST YR......	23.30	21.63	20.53	21.22	21.16	23.17	21.31	15.61	13.94	10.11	7.11	21.62	21.72	11.54
TRANSFER PAYMENTS.............	5071.	5677.	5713.	5798.	5866.	6166.	6285.	6380.	6563.	6823.	7040.	5344.	6029.	6702.
% CHG PREV QTR SAAR.........	13.31	57.07	2.56	6.09	4.77	22.08	7.95	6.18	11.98	16.81	13.34	19.58	12.81	11.16
% CHG SAME QTR LAST YR......	17.68	22.51	20.10	17.97	15.68	8.61	10.01	10.04	11.88	10.66	12.01	19.58	12.81	11.16
LESS PERS CONT FOR SOC INS....	1635.	1656.	1699.	1906.	1947.	1979.	1972.	2028.	2061.	2084.	2082.	1653.	1951.	2064.
% CHG PREV QTR SAAR.........	3.50	5.24	10.80	58.39	8.89	6.74	-1.41	11.85	6.67	4.54	-0.38	8.31	18.05	5.78
% CHG SAME QTR LAST YR......	8.42	7.88	8.77	17.58	19.08	19.50	16.07	6.40	5.86	5.31	5.58	8.31	18.05	5.78
RESIDENCE ADJUSTMENT..........	-354.	-360.	-364.	-369.	-391.	-400.	-370.	-363.	-373.	-375.	-370.	-357.	-383.	-370.
% CHG PREV QTR SAAR.........	4.65	6.95	4.52	5.61	26.07	9.53	-26.79	-7.36	11.48	2.16	-5.23	4.31	7.14	-3.20
% CHG SAME QTR LAST YR......	5.36	2.27	4.30	5.43	10.45	11.11	1.65	-1.63	-4.60	-6.25	0.00	4.31	7.14	-3.20
TOTAL PERSONAL INCOME (72 $)....	19375.	19597.	19713.	19951.	20059.	20238.	20044.	19890.	20104.	20080.	20109.	19567.	20073.	20046.
% CHG PREV QTR SAAR.........	-4.16	4.68	2.38	4.93	2.18	3.62	-3.79	-3.02	4.37	-0.48	0.59	-0.60	2.59	-0.14
% CHG SAME QTR LAST YR......	-0.96	-0.74	-0.29	1.89	3.53	3.27	1.68	-0.31	0.22	-0.78	0.33	-0.60	2.59	-0.14

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 4: TENNESSEE NONAGRICULTURAL EMPLOYMENT (THOUSANDS OF JOBS)

	H I S T O R I C A L - D A T A											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL............................	1757.1	1735.6	1756.1	1729.8	1771.6	1767.8	1759.1	1689.6	1705.4	1683.3	1674.9	1747.2	1757.1	1688.3
% CHG SAME QTR LAST YR....	-1.81	-2.94	-1.90	-0.59	0.83	1.86	0.17	-2.33	-3.74	-4.78	-4.79	-1.69	0.57	-3.92
MINING..........................	10.1	10.2	10.2	9.6	9.6	10.4	10.3	9.3	9.9	10.2	9.8	10.1	10.0	9.8
% CHG SAME QTR LAST YR....	-6.17	-5.57	3.74	-1.71	-4.93	2.62	1.64	-3.47	2.77	-2.24	-5.16	-4.05	-0.58	-2.08
CONSTRUCTION..................	82.5	85.2	81.5	70.3	77.3	80.6	76.4	68.0	74.3	72.4	69.6	81.2	76.2	71.1
% CHG SAME QTR LAST YR....	-10.91	-11.35	-10.18	-6.93	-6.26	-5.32	-6.22	-3.36	-3.88	-10.25	-8.90	-9.02	-6.16	-6.71
MANUFACTURING.................	505.8	491.8	499.0	499.7	514.6	516.5	503.7	478.7	470.2	465.5	457.5	502.7	508.6	468.0
% CHG SAME QTR LAST YR....	-4.52	-6.30	-4.00	-2.80	1.74	5.02	0.94	-4.20	-8.63	-9.87	-9.18	-4.20	1.18	-7.99
DURABLE GOODS...............	225.1	212.5	220.9	221.5	229.7	230.4	221.5	209.0	204.5	200.1	196.1	223.1	225.8	202.4
% CHG SAME QTR LAST YR....	-7.71	-11.91	-7.55	-5.40	2.06	8.42	0.29	-5.66	-10.96	-13.15	-11.50	-7.33	1.18	-10.35
NONDURABLE GOODS............	280.7	279.3	278.1	278.2	284.9	286.1	282.2	269.7	265.7	265.4	261.4	279.5	282.8	265.5
% CHG SAME QTR LAST YR....	-1.81	-1.53	-0.97	-0.63	1.48	2.42	1.46	-3.03	-6.75	-7.24	-7.37	-1.55	1.18	-6.11
TRADE...........................	377.7	379.5	383.6	370.4	379.5	384.3	385.4	365.3	368.8	367.2	368.6	379.7	379.9	367.5
% CHG SAME QTR LAST YR....	-2.84	-2.83	-3.42	-2.06	0.48	1.26	0.47	-1.38	-2.81	-4.43	-4.34	-2.31	0.04	-3.26
SERVICES........................	294.0	298.2	294.3	294.4	305.8	309.7	307.7	300.7	319.5	322.3	312.4	291.0	304.4	313.7
% CHG SAME QTR LAST YR....	2.20	2.18	2.06	6.03	4.01	3.87	4.58	2.14	4.48	4.06	1.52	1.97	4.60	3.06
FIN, INS, REAL EST............	78.7	79.4	78.9	78.3	79.8	80.5	79.6	79.4	80.6	80.3	79.4	78.7	79.6	79.9
% CHG SAME QTR LAST YR....	1.20	0.80	1.37	0.56	1.44	1.43	0.93	1.36	0.96	-0.25	-0.29	1.48	1.09	0.44
TRANS, COMM, PUB UTIL.........	87.1	86.5	86.8	85.0	86.6	87.6	87.7	83.3	83.9	82.9	81.9	86.6	86.7	83.0
% CHG SAME QTR LAST YR....	-0.19	-2.52	-2.00	-1.24	-0.54	1.31	1.08	-2.00	-3.12	-5.44	-6.58	-0.84	0.15	-4.30
GOVERNMENT....................	321.2	304.9	322.0	322.1	318.3	298.1	308.2	305.0	298.1	282.5	295.7	317.2	311.7	295.3
% CHG SAME QTR LAST YR....	2.01	-0.54	1.24	0.41	-0.90	-2.22	-4.27	-5.32	-6.35	-5.23	-4.07	1.07	-1.74	-5.25
FEDERAL, CIVILIAN...........	78.4	77.6	76.7	75.7	77.8	75.6	71.0	68.8	66.0	63.9	62.4	76.7	75.0	65.3
% CHG SAME QTR LAST YR....	5.23	3.93	4.78	1.98	-0.72	-2.62	-7.39	-9.11	-15.20	-15.39	-12.15	3.82	-2.22	-12.99
STATE AND LOCAL.............	242.8	227.3	245.3	246.4	240.5	222.5	237.2	236.2	232.1	218.6	233.3	240.5	236.7	230.0
% CHG SAME QTR LAST YR....	1.01	-1.98	0.18	-0.07	-0.96	-2.08	-3.29	-4.15	-3.48	-1.78	-1.64	0.22	-1.59	-2.80

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 5: TENNESSEE DURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF JOBS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS.............	225.1	212.5	220.9	221.5	229.7	230.4	221.5	209.0	204.5	200.1	196.1	223.1	225.8	202.4
% CHG SAME QTR LAST YR......	-7.71	-11.91	-7.55	-5.40	2.06	8.42	0.29	-5.66	-10.96	-13.15	-11.50	-7.33	1.18	-10.35
LUMBER AND WOOD...............	19.3	17.8	17.8	16.7	18.0	17.7	16.5	15.5	16.3	15.7	15.1	18.7	17.2	15.6
% CHG SAME QTR LAST YR......	-11.06	-18.25	-18.45	-16.36	-6.56	-0.38	-7.66	-7.39	-9.61	-11.49	-8.10	-12.44	-7.97	-9.19
FURNITURE AND FIXTURES........	21.4	20.1	21.5	21.8	22.5	22.8	22.5	20.7	20.7	20.3	20.6	21.5	22.4	20.5
% CHG SAME QTR LAST YR......	-12.40	-16.16	-6.93	-4.81	5.13	13.46	4.65	-5.05	-8.28	-10.98	-8.59	-11.48	4.31	-8.26
STONE, CLAY AND GLASS.........	14.5	13.9	14.4	14.0	14.7	14.1	13.2	12.2	12.5	12.2	12.1	14.7	14.0	12.3
% CHG SAME QTR LAST YR......	-15.70	-17.88	-11.09	-11.39	1.15	1.20	-8.31	-12.62	-14.55	-13.71	-8.56	-12.44	-4.55	-12.44
PRIMARY METALS................	19.2	18.1	18.7	19.0	19.2	19.3	18.2	17.1	16.7	16.7	15.6	19.0	18.9	16.5
% CHG SAME QTR LAST YR......	-10.54	-13.26	-8.48	-5.00	-0.35	6.81	-2.67	-10.18	-12.70	-13.79	-14.29	-9.20	-0.44	-12.73
FABRICATED METALS.............	32.8	32.0	32.3	31.7	32.2	32.4	31.3	29.0	28.4	28.4	28.9	32.7	31.9	28.7
% CHG SAME QTR LAST YR......	-6.01	-11.61	-9.70	-6.58	-1.83	1.25	-3.00	-8.52	-11.79	-12.15	-7.67	-6.72	-2.60	-10.06
NONELECTRICAL MACHINERY.......	35.9	33.0	34.9	36.6	36.8	36.4	35.7	34.3	32.2	30.5	28.8	35.0	36.4	31.4
% CHG SAME QTR LAST YR......	-3.49	-8.50	-4.30	0.64	2.32	10.30	2.29	-6.29	-12.51	-16.30	-19.33	-3.93	3.76	-13.57
ELECTRICAL MACHINERY..........	41.3	38.0	39.8	40.0	42.1	42.8	40.8	38.5	38.0	37.5	36.8	40.2	41.4	37.7
% CHG SAME QTR LAST YR......	0.24	-7.46	-2.92	-3.53	1.94	12.45	2.43	-3.91	-9.89	-12.31	-9.72	-2.23	3.13	-9.03
TRANSPORTATION EQUIPMENT......	22.2	22.2	23.3	23.5	25.7	26.0	24.9	24.4	22.5	21.8	21.2	23.2	25.0	22.5
% CHG SAME QTR LAST YR......	-16.52	-12.96	-7.92	-6.37	15.44	17.29	6.88	3.69	-12.34	-16.03	-14.88	-10.86	7.83	-10.16
INSTRUMENTS...................	7.3	7.2	7.6	7.9	8.1	8.3	8.3	7.9	7.8	7.5	7.3	7.4	8.2	7.6
% CHG SAME QTR LAST YR......	0.46	-0.92	0.44	5.31	11.42	16.28	9.25	-0.42	-4.51	-10.40	-12.10	1.26	10.48	-6.94
MISCELLANEOUS.................	11.0	10.3	10.6	10.3	10.4	10.6	10.2	9.5	9.5	9.6	9.7	10.7	10.4	9.6
% CHG SAME QTR LAST YR......	-6.27	-11.97	-5.92	-7.21	-5.47	3.24	-3.77	-7.44	-8.68	-9.40	-4.90	-6.59	-3.41	-7.63

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 6: TENNESSEE NONDURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF JOBS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	280.7	279.3	278.1	278.2	284.9	286.1	282.2	269.7	265.7	265.4	261.4	279.5	282.8	265.5
% CHG SAME QTR LAST YR......	-1.81	-1.53	-0.97	-0.63	1.48	2.42	1.46	-3.03	-6.75	-7.24	-7.37	-1.55	1.18	-6.11
FOOD..........................	39.0	40.0	38.3	37.3	38.1	39.2	38.3	37.4	38.1	39.3	38.3	39.0	38.2	38.3
% CHG SAME QTR LAST YR......	-0.85	0.17	-3.20	-3.37	-2.14	-2.00	-0.17	0.36	0.00	0.17	0.00	-1.27	-1.92	0.13
TOBACCO.......................	1.3	1.2	1.6	1.9	1.3	1.3	1.8	2.1	1.3	1.2	1.7	1.5	1.6	1.6
% CHG SAME QTR LAST YR......	2.56	2.78	6.52	11.54	-2.50	2.70	10.20	6.90	0.00	-5.26	-3.70	0.56	6.18	-0.00
TEXTILES......................	25.9	26.3	26.4	26.7	26.8	26.5	25.3	25.7	25.5	24.9	24.8	26.3	26.4	25.2
% CHG SAME QTR LAST YR......	-5.01	-2.47	-1.25	1.14	3.21	0.76	-2.40	-3.62	-4.73	-6.03	-3.75	-3.64	0.67	-4.54
APPAREL.......................	70.8	69.1	69.1	67.4	70.3	70.0	69.2	64.8	63.6	63.8	64.1	69.4	69.2	64.0
% CHG SAME QTR LAST YR......	2.21	2.12	2.42	-1.84	-0.71	1.30	0.14	-3.86	-9.54	-8.86	-7.37	1.59	-0.28	-7.44
PAPER.........................	17.8	18.1	17.5	17.3	17.6	18.2	18.2	16.9	16.8	17.5	15.7	17.7	17.8	16.7
% CHG SAME QTR LAST YR......	-4.13	-2.17	-1.32	-1.89	-1.31	0.92	4.01	-2.12	-4.36	-4.20	-13.58	-2.56	0.42	-6.13
PRINTING AND PUBLISHING.......	26.9	27.0	26.9	27.2	27.4	27.8	27.8	27.7	27.4	26.8	27.2	26.9	27.6	27.3
% CHG SAME QTR LAST YR......	1.13	1.50	0.25	1.49	1.98	2.84	3.34	1.59	-0.12	-3.60	-2.40	1.03	2.41	-1.15
CHEMICALS.....................	58.6	57.9	57.7	58.6	59.0	57.4	58.0	57.6	56.6	55.3	53.7	58.2	58.2	55.8
% CHG SAME QTR LAST YR......	0.23	-1.59	-1.65	-0.17	0.63	-0.75	0.52	-1.82	-4.01	-3.77	-7.42	-0.44	0.06	-4.25
PETROLEUM REFINING............	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7
% CHG SAME QTR LAST YR......	-14.29	-14.29	-14.29	18.75	16.67	16.67	16.67	10.53	0.00	-4.76	-14.29	-15.66	17.14	-2.44
RUBBER AND PLASTICS...........	20.2	19.6	20.6	21.0	21.7	22.3	21.3	19.7	20.1	19.7	19.0	20.4	21.6	19.6
% CHG SAME QTR LAST YR......	-16.30	-15.13	-8.17	-1.87	7.43	13.41	3.40	-5.88	-7.53	-11.38	-10.64	-12.58	5.42	-8.89
LEATHER.......................	19.6	19.5	19.4	20.1	22.1	22.7	21.2	17.2	15.6	16.3	16.4	19.5	21.5	16.3
% CHG SAME QTR LAST YR......	-3.28	-3.31	1.04	3.25	12.39	16.44	9.26	-14.74	-29.31	-28.24	-22.92	-2.46	10.34	-24.04

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 7: TENNESSEE NONAGRICULTURAL EMPLOYMENT (THOUSANDS OF SEASONALLY ADJUSTED JOBS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL	1747.0	1730.1	1744.2	1756.9	1761.6	1762.7	1747.6	1715.5	1696.0	1678.8	1663.8	1747.5	1757.2	1688.5
% CHG PREV QTR SAAR	-4.87	-3.81	3.32	2.94	1.06	0.25	-3.38	-7.14	-4.48	-3.99	-3.52	-1.68	0.55	-3.91
% CHG SAME QTR LAST YR	-1.81	-2.87	-1.87	-0.68	0.84	1.88	0.19	-2.36	-3.72	-4.76	-4.79	-1.68	0.55	-3.91
MINING	10.2	9.9	10.0	10.0	9.7	10.1	10.1	9.6	10.0	9.9	9.6	10.1	10.0	9.8
% CHG PREV QTR SAAR	1.30	-11.62	5.82	-1.72	-9.33	17.18	0.94	-19.40	19.31	-6.28	-10.98	-4.09	-0.62	-2.05
% CHG SAME QTR LAST YR	-5.55	-5.79	3.41	-1.77	-4.45	2.53	1.33	-3.58	3.27	-2.34	-5.36	-4.09	-0.62	-2.05
CONSTRUCTION	81.0	79.9	79.7	78.3	76.3	75.8	74.8	75.2	73.6	68.1	68.1	81.4	76.3	71.3
% CHG PREV QTR SAAR	-16.89	-5.47	-1.14	-6.63	-10.08	-2.41	-5.35	2.19	-8.14	-26.76	0.31	-8.79	-6.25	-6.61
% CHG SAME QTR LAST YR	-10.71	-11.14	-10.02	-7.72	-5.89	-5.13	-6.16	-4.02	-3.50	-10.19	-8.87	-8.79	-6.25	-6.61
MANUFACTURING	503.7	489.9	499.1	503.5	512.6	514.6	503.8	482.3	468.4	463.6	457.4	502.8	508.6	467.9
% CHG PREV QTR SAAR	-10.79	-10.49	7.74	3.53	7.41	1.57	-8.13	-15.95	-11.04	-4.07	-5.29	-4.20	1.16	-7.99
% CHG SAME QTR LAST YR	-4.53	-6.29	-3.98	-2.85	1.76	5.03	0.93	-4.20	-8.61	-9.90	-9.21	-4.20	1.16	-7.99
DURABLE GOODS	223.6	212.5	220.6	223.2	228.2	230.4	221.3	210.5	203.2	200.0	195.8	223.2	225.8	202.4
% CHG PREV QTR SAAR	-19.59	-18.31	16.10	4.68	9.40	3.89	-14.89	-18.11	-13.20	-6.18	-8.07	-7.32	1.16	-10.36
% CHG SAME QTR LAST YR	-7.68	-11.89	-7.52	-5.48	2.09	8.41	0.32	-5.66	-10.96	-13.20	-11.51	-7.32	1.16	-10.36
NONDURABLE GOODS	280.1	277.4	278.5	280.3	284.3	284.1	282.4	271.8	265.2	263.6	261.5	279.6	282.8	265.5
% CHG PREV QTR SAAR	-2.89	-3.86	1.65	2.62	5.84	-0.27	-2.36	-14.24	-9.34	-2.42	-3.13	-1.56	1.16	-6.11
% CHG SAME QTR LAST YR	-1.85	-1.50	-0.99	-0.66	1.50	2.44	1.41	-3.04	-6.72	-7.23	-7.41	-1.56	1.16	-6.11
TRADE	378.5	377.4	376.4	378.7	380.5	382.1	378.3	373.3	369.9	365.2	361.9	379.8	379.9	367.6
% CHG PREV QTR SAAR	-8.47	-1.18	-1.09	2.49	1.94	1.72	-4.00	-5.19	-3.52	-5.04	-3.53	-2.29	0.02	-3.25
% CHG SAME QTR LAST YR	-2.80	-2.82	-3.39	-2.14	0.53	1.26	0.50	-1.44	-2.78	-4.44	-4.32	-2.29	0.02	-3.25
SERVICES	290.1	292.8	295.6	302.9	301.6	304.0	309.2	309.4	315.0	316.3	313.9	290.9	304.4	313.7
% CHG PREV QTR SAAR	6.81	3.74	3.91	10.23	-1.72	3.28	7.04	0.22	7.46	1.71	-3.02	1.97	4.63	3.04
% CHG SAME QTR LAST YR	2.16	2.12	2.04	6.14	3.95	3.84	4.61	2.15	4.46	4.06	1.52	1.97	4.63	3.04
FIN, INS, REAL EST	78.3	78.6	79.2	79.1	79.5	79.7	80.0	80.2	80.2	79.6	79.7	78.7	79.6	79.9
% CHG PREV QTR SAAR	-1.93	1.07	3.52	-0.63	1.75	1.44	1.11	0.99	0.31	-3.22	0.78	1.48	1.08	0.44
% CHG SAME QTR LAST YR	1.17	0.92	1.37	0.49	1.42	1.51	0.91	1.32	0.96	-0.22	-0.30	1.48	1.08	0.44
TRANS, COMM, PUB UTIL	87.0	85.9	85.8	86.7	86.5	87.0	86.7	84.9	83.8	82.3	81.0	86.6	86.7	83.0
% CHG PREV QTR SAAR	-3.12	-5.34	-0.12	3.94	-0.53	2.20	-1.27	-8.15	-5.00	-7.08	-6.06	-0.82	0.15	-4.29
% CHG SAME QTR LAST YR	-0.19	-2.46	-2.05	-1.22	-0.57	1.36	1.07	-2.01	-3.13	-5.41	-6.58	-0.82	0.15	-4.29
GOVERNMENT	318.1	315.8	318.4	317.8	314.9	309.3	304.7	300.7	294.9	293.8	292.1	317.3	311.7	295.4
% CHG PREV QTR SAAR	1.60	-2.81	3.34	-0.71	-3.59	-6.99	-5.77	-5.22	-7.46	-1.46	-2.29	1.04	-1.76	-5.24
% CHG SAME QTR LAST YR	1.91	-0.41	1.27	0.33	-0.98	-2.06	-4.30	-5.40	-6.37	-5.00	-4.14	1.04	-1.76	-5.24
FEDERAL, CIVILIAN	77.4	76.7	77.6	76.8	76.7	74.8	71.8	69.7	65.1	63.4	63.0	76.8	75.0	65.3
% CHG PREV QTR SAAR	10.80	-3.72	4.82	-3.88	-0.38	-9.56	-15.16	-11.17	-24.15	-9.92	-2.09	3.81	-2.24	-12.98
% CHG SAME QTR LAST YR	5.02	4.10	4.91	1.82	-0.85	-2.39	-7.42	-9.22	-15.21	-15.29	-12.20	3.81	-2.24	-12.98
STATE AND LOCAL	240.7	239.1	240.8	241.0	238.2	234.5	232.9	230.9	229.8	230.4	229.1	240.5	236.6	230.1
% CHG PREV QTR SAAR	-1.16	-2.52	2.86	0.33	-4.60	-6.16	-2.62	-3.33	-1.92	1.05	-2.34	0.18	-1.60	-2.78
% CHG SAME QTR LAST YR	0.95	-1.78	0.15	-0.14	-1.02	-1.96	-3.29	-4.19	-3.52	-1.72	-1.65	0.18	-1.60	-2.78

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 8: TENNESSEE DURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF SEASONALLY ADJUSTED JOBS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS	223.6	212.5	220.6	223.2	228.2	230.4	221.3	210.5	203.2	200.0	195.8	223.2	225.8	202.4
% CHG PREV QTR SAAR	-19.59	-18.31	16.10	4.68	9.40	3.89	-14.89	-18.11	-13.20	-6.18	-8.07	-7.32	1.16	-10.36
% CHG SAME QTR LAST YR	-7.68	-11.89	-7.52	-5.48	2.09	8.41	0.32	-5.66	-10.96	-13.20	-11.51	-7.32	1.16	-10.36
LUMBER AND WOOD	18.8	17.6	17.8	17.3	17.6	17.5	16.5	16.1	15.9	15.5	15.1	18.7	17.2	15.6
% CHG PREV QTR SAAR	-32.56	-23.80	4.74	-9.67	5.59	-1.35	-22.29	-9.34	-4.19	-9.16	-9.29	-12.31	-8.10	-9.18
% CHG SAME QTR LAST YR	-11.08	-18.16	-18.36	-16.50	-6.59	-0.36	-7.53	-7.44	-9.67	-11.51	-8.02	-12.31	-8.10	-9.18
FURNITURE AND FIXTURES	21.5	20.1	21.2	22.0	22.6	22.8	22.2	20.9	20.7	20.3	20.3	21.5	22.4	20.5
% CHG PREV QTR SAAR	-25.38	-23.87	24.45	15.40	11.25	4.41	-10.40	-22.14	-2.97	-7.09	-0.57	-11.53	4.27	-8.27
% CHG SAME QTR LAST YR	-12.46	-15.93	-6.88	-4.96	5.02	13.65	4.68	-5.12	-8.31	-10.95	-8.60	-11.53	4.27	-8.27
STONE, CLAY AND GLASS	14.3	13.8	14.4	14.4	14.4	14.0	13.2	12.6	12.3	12.1	12.0	14.7	14.0	12.3
% CHG PREV QTR SAAR	-40.86	-11.19	15.60	1.11	0.49	-10.12	-22.54	-16.85	-8.20	-6.05	-2.26	-12.35	-4.63	-12.44
% CHG SAME QTR LAST YR	-15.86	-17.59	-11.16	-11.48	1.06	1.37	-8.29	-12.67	-14.62	-13.67	-8.50	-12.35	-4.63	-12.44
PRIMARY METALS	19.1	18.2	18.7	19.0	19.1	19.4	18.2	17.1	16.7	16.7	15.6	19.0	18.9	16.5
% CHG PREV QTR SAAR	-16.76	-18.63	11.51	7.63	0.90	6.99	-22.32	-22.55	-9.51	1.06	-23.68	-9.21	-0.44	-12.74
% CHG SAME QTR LAST YR	-10.49	-13.40	-8.28	-5.05	-0.37	6.69	-2.53	-10.23	-12.64	-13.88	-14.26	-9.21	-0.44	-12.74
FABRICATED METALS	33.0	31.6	31.9	32.2	32.4	32.0	30.9	29.5	28.6	28.1	28.5	32.7	31.9	28.7
% CHG PREV QTR SAAR	-15.35	-15.69	3.82	3.38	2.85	-4.76	-13.08	-17.37	-11.45	-6.30	5.73	-6.67	-2.60	-10.04
% CHG SAME QTR LAST YR	-5.99	-11.60	-9.89	-6.45	-1.78	1.26	-3.14	-8.42	-11.78	-12.14	-7.73	-6.67	-2.60	-10.04
NONELECTRICAL MACHINERY	35.5	33.6	35.0	36.3	36.3	37.0	35.9	33.9	31.8	31.0	29.0	35.0	36.4	31.4
% CHG PREV QTR SAAR	-6.31	-20.13	18.36	14.93	0.75	7.57	-10.98	-20.66	-22.90	-10.01	-22.64	-3.95	3.79	-13.63
% CHG SAME QTR LAST YR	-3.50	-8.56	-4.01	0.45	2.29	10.19	2.62	-6.46	-12.51	-16.33	-19.22	-3.95	3.79	-13.63
ELECTRICAL MACHINERY	41.0	37.9	40.0	40.4	41.8	42.5	41.0	38.9	37.6	37.3	37.0	40.2	41.4	37.7
% CHG PREV QTR SAAR	-7.00	-27.53	24.48	4.16	14.60	7.03	-13.92	-18.58	-12.42	-3.98	-2.91	-2.23	3.11	-9.00
% CHG SAME QTR LAST YR	0.17	-7.58	-2.95	-3.32	1.87	12.30	2.41	-3.71	-9.97	-12.38	-9.71	-2.23	3.11	-9.00
TRANSPORTATION EQUIPMENT	22.0	22.4	23.5	23.2	25.5	26.2	25.1	24.1	22.4	22.0	21.3	23.2	25.0	22.5
% CHG PREV QTR SAAR	-38.11	6.50	22.17	-5.19	46.89	10.31	-16.01	-14.37	-25.09	-8.16	-11.47	-10.87	7.84	-10.20
% CHG SAME QTR LAST YR	-16.13	-13.09	-8.04	-6.53	16.02	17.05	6.53	-3.90	-12.20	-16.13	-15.02	-10.87	7.84	-10.20
INSTRUMENTS	7.3	7.3	7.5	7.9	8.1	8.5	8.2	7.9	7.7	7.6	7.2	7.4	8.2	7.6
% CHG PREV QTR SAAR	-8.29	-1.40	13.20	20.84	13.46	16.96	-10.76	-16.18	-5.53	-9.28	-16.77	1.20	10.49	-6.96
% CHG SAME QTR LAST YR	0.23	-0.97	0.63	5.46	11.22	16.07	9.37	-0.18	-4.65	-10.52	-12.07	1.20	10.49	-6.96
MISCELLANEOUS	11.0	10.1	10.6	10.5	10.4	10.5	10.2	9.7	9.5	9.5	9.7	10.7	10.4	9.6
% CHG PREV QTR SAAR	-11.37	-26.86	20.50	-5.24	-4.10	4.15	-10.11	-18.09	-9.05	0.65	8.64	-6.56	-3.47	-7.62
% CHG SAME QTR LAST YR	-6.22	-11.89	-6.02	-7.25	-5.40	3.34	-3.96	-7.40	-8.62	-9.39	-5.00	-6.56	-3.47	-7.62

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 9: TENNESSEE NONDURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF SEASONALLY ADJUSTED JOBS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	280.1	277.4	278.5	280.3	284.3	284.1	282.4	271.8	265.2	263.6	261.5	279.6	282.8	265.5
% CHG PREV QTR SAAR.........	-2.89	-3.86	1.65	2.62	5.84	-0.27	-2.36	-14.24	-9.34	-2.42	-3.13	-1.56	1.16	-6.11
% CHG SAME QTR LAST YR......	-1.85	-1.50	-0.99	-0.66	1.50	2.44	1.41	-3.04	-6.72	-7.23	-7.41	-1.56	1.16	-6.11
FOOD........................	39.1	38.9	38.5	38.1	38.3	38.1	38.4	38.3	38.3	38.2	38.3	39.0	38.2	38.3
% CHG PREV QTR SAAR.........	-3.71	-2.14	-4.26	-3.44	1.40	-1.23	2.30	-0.96	-0.04	-0.44	1.26	-1.29	-1.93	0.13
% CHG SAME QTR LAST YR......	-0.83	0.29	-3.30	-3.39	-2.13	-1.90	-0.27	0.37	0.01	0.20	-0.05	-1.29	-1.93	0.13
TOBACCO.....................	1.6	1.5	1.5	1.6	1.5	1.6	1.6	1.7	1.5	1.5	1.6	1.5	1.6	1.6
% CHG PREV QTR SAAR.........	50.04	-3.06	-17.01	25.32	-10.38	19.35	11.32	8.51	-30.23	-5.03	21.24	0.97	5.20	-0.57
% CHG SAME QTR LAST YR......	2.61	2.45	7.48	10.90	-2.51	2.70	10.52	6.61	0.14	-5.42	-3.38	0.97	5.20	-0.57
TEXTILES....................	25.9	26.3	26.4	26.7	26.7	26.5	25.8	25.7	25.4	24.9	24.9	26.3	26.4	25.2
% CHG PREV QTR SAAR.........	-7.59	5.95	2.32	3.94	0.33	-3.22	-9.68	-1.76	-4.48	-7.94	-0.31	-3.64	0.65	-4.55
% CHG SAME QTR LAST YR......	-5.07	-2.46	-1.06	1.02	3.11	0.81	-2.29	-3.66	-4.83	-6.01	-3.67	-3.64	0.65	-4.55
APPAREL.....................	70.1	68.9	68.9	68.4	69.6	69.8	68.9	65.9	63.0	63.7	63.7	69.4	69.2	64.0
% CHG PREV QTR SAAR.........	2.61	-6.47	-0.02	-2.78	6.89	1.57	-5.39	-16.44	-16.43	4.43	0.42	1.57	-0.28	-7.42
% CHG SAME QTR LAST YR......	2.11	2.21	2.26	-1.72	-0.71	1.35	-0.04	-3.75	-9.49	-8.86	-7.49	1.57	-0.28	-7.42
PAPER.......................	17.9	17.6	17.5	17.6	17.6	17.8	18.2	17.3	16.9	17.0	15.7	17.7	17.8	16.7
% CHG PREV QTR SAAR.........	-2.90	-5.09	-3.34	3.70	-0.13	3.40	9.43	-18.95	-8.37	3.36	-27.42	-2.58	0.39	-6.13
% CHG SAME QTR LAST YR......	-4.19	-2.22	-1.18	-1.96	-1.27	0.86	4.04	-2.17	-4.26	-4.26	-13.61	-2.58	0.39	-6.13
PRINTING AND PUBLISHING.......	26.9	27.0	26.9	27.2	27.5	27.8	27.9	27.6	27.4	26.8	27.2	26.9	27.6	27.3
% CHG PREV QTR SAAR.........	1.15	1.91	-1.60	4.07	3.71	5.13	1.04	-3.70	-2.68	-8.87	6.54	1.03	2.41	-1.16
% CHG SAME QTR LAST YR......	1.13	1.47	0.41	1.36	2.00	2.79	3.48	1.49	-0.11	-3.62	-2.33	1.03	2.41	-1.16
CHEMICALS...................	58.3	57.8	58.0	58.5	58.7	57.5	58.4	57.4	56.3	55.3	54.0	58.2	58.3	55.8
% CHG PREV QTR SAAR.........	-2.64	-3.24	1.46	3.37	0.97	-7.99	6.40	-6.32	-7.50	-6.79	-8.99	-0.45	0.05	-4.26
% CHG SAME QTR LAST YR......	0.19	-1.42	-1.64	-0.30	0.61	-0.65	0.54	-1.90	-4.03	-3.72	-7.40	-0.45	0.05	-4.26
PETROLEUM REFINING............	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7
% CHG PREV QTR SAAR.........	26.47	0.67	11.27	36.89	19.82	2.87	11.73	6.04	-18.52	-13.76	-26.87	-15.70	17.15	-2.45
% CHG SAME QTR LAST YR......	-14.54	-14.02	-13.85	18.01	16.42	17.05	17.18	9.93	-0.18	-4.48	-14.08	-15.70	17.15	-2.45
RUBBER AND PLASTICS...........	20.2	19.6	20.6	21.1	21.7	22.2	21.2	19.9	20.1	19.7	19.0	20.4	21.6	19.6
% CHG PREV QTR SAAR.........	-20.83	-12.18	21.59	10.50	12.31	9.26	-15.82	-23.51	3.75	-7.86	-12.99	-12.58	5.39	-8.88
% CHG SAME QTR LAST YR......	-16.58	-15.32	-7.99	-1.69	7.29	13.32	3.36	-5.72	-7.57	-11.42	-10.69	-12.58	5.39	-8.88
LEATHER.....................	19.6	19.1	19.6	20.4	22.1	22.1	21.4	17.4	15.7	15.9	16.4	19.5	21.5	16.3
% CHG PREV QTR SAAR.........	-2.86	-10.01	11.57	17.37	37.92	0.54	-13.42	-55.75	-34.23	4.54	15.01	-2.46	10.30	-23.97
% CHG SAME QTR LAST YR......	-2.90	-3.66	0.76	3.44	12.91	16.08	8.95	-14.63	-29.05	-28.36	-23.09	-2.46	10.30	-23.97

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 10: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS.............	3.51	3.50	3.54	3.59	3.61	3.58	3.54	3.60	3.60	3.60	3.63	3.51	3.58	3.61
% CHG SAME QTR LAST YR........	-0.09	-0.17	0.98	2.78	2.90	2.11	0.06	0.24	-0.38	0.49	2.47	-0.22	1.96	0.70
LUMBER AND WOOD.................	2.61	2.53	2.56	2.56	2.51	2.47	2.56	2.56	2.54	2.45	2.56	2.58	2.53	2.53
% CHG SAME QTR LAST YR........	0.85	-1.16	-1.68	-2.07	-3.96	-2.39	-0.18	-0.05	1.17	-0.89	-0.07	-0.56	-2.16	0.04
FURNITURE AND FIXTURES..........	2.75	2.78	2.79	2.79	2.84	2.80	2.81	2.86	2.85	2.83	2.85	2.76	2.81	2.85
% CHG SAME QTR LAST YR........	0.36	1.72	0.93	2.16	3.20	0.72	0.51	2.45	0.39	1.08	1.39	0.74	1.64	1.32
STONE, CLAY AND GLASS...........	4.40	4.28	4.48	4.43	4.44	4.37	4.37	4.47	4.45	4.25	4.30	4.42	4.40	4.37
% CHG SAME QTR LAST YR........	-1.68	-0.92	4.40	-2.09	1.06	2.14	-2.42	0.80	0.05	-2.74	-1.44	-0.05	-0.37	-0.82
PRIMARY METALS..................	4.40	4.28	4.48	4.43	4.44	4.37	4.37	4.47	4.45	4.25	4.30	4.42	4.40	4.37
% CHG SAME QTR LAST YR........	-1.68	-0.92	4.40	-2.09	1.06	2.14	-2.42	0.80	0.05	-2.74	-1.44	-0.05	-0.37	-0.82
FABRICATED METALS...............	3.62	3.53	3.75	3.72	3.74	3.71	3.66	3.70	3.73	3.75	3.81	3.61	3.71	3.75
% CHG SAME QTR LAST YR........	-0.17	-2.32	2.94	4.55	3.34	5.17	-2.38	-0.47	-0.21	0.89	4.08	-0.82	2.60	1.06
MACHINERY.......................	3.37	3.41	3.39	3.53	3.51	3.47	3.42	3.42	3.43	3.43	3.45	3.38	3.48	3.43
% CHG SAME QTR LAST YR........	-1.02	-0.60	-0.38	5.39	4.23	1.72	0.98	-3.01	-2.33	-1.18	0.86	-1.10	3.07	-1.44
INSTRUMENTS.....................	3.03	2.96	2.97	3.06	3.05	3.04	3.01	3.18	3.11	3.14	3.15	3.03	3.04	3.15
% CHG SAME QTR LAST YR........	4.09	2.51	1.96	-2.80	0.70	2.79	1.36	3.89	2.13	3.26	4.74	2.99	0.46	3.50

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 11: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	3.28	3.30	3.30	3.34	3.36	3.36	3.36	3.38	3.41	3.37	3.38	3.30	3.36	3.39
% CHG SAME QTR LAST YR........	-1.32	-0.35	-0.85	0.85	2.46	1.77	1.84	1.27	1.42	0.20	0.67	-0.82	1.73	0.89
FOOD............................	3.49	3.46	3.48	3.45	3.53	3.55	3.55	3.66	3.68	3.54	3.56	3.48	3.52	3.61
% CHG SAME QTR LAST YR........	-0.91	-0.92	0.45	-1.25	1.09	2.42	2.22	6.27	4.43	-0.32	0.16	-0.58	1.12	2.61
TEXTILES........................	2.71	2.74	2.73	2.68	2.69	2.76	2.75	2.72	2.73	2.71	2.72	2.72	2.72	2.72
% CHG SAME QTR LAST YR........	0.74	0.58	-0.98	-0.86	-1.05	0.51	1.07	1.32	1.71	-1.75	-1.27	-0.06	-0.08	-0.02
APPAREL.........................	2.42	2.38	2.39	2.45	2.40	2.36	2.36	2.37	2.36	2.31	2.34	2.42	2.39	2.35
% CHG SAME QTR LAST YR........	-3.63	-2.23	-2.21	-1.28	-0.91	-0.82	-1.23	-3.00	-1.31	-1.97	-0.90	-2.47	-1.06	-1.81
PAPER...........................	4.11	4.08	4.19	4.29	4.38	4.25	4.32	4.29	4.28	4.34	4.50	4.14	4.31	4.35
% CHG SAME QTR LAST YR........	1.86	-0.74	1.69	2.76	6.68	4.21	3.13	-0.01	-2.37	2.19	4.28	1.14	4.19	1.01
CHEMICALS.......................	4.48	4.52	4.52	4.42	4.50	4.51	4.50	4.42	4.55	4.58	4.60	4.50	4.48	4.54
% CHG SAME QTR LAST YR........	-0.70	0.66	-0.82	-1.65	0.35	-0.21	-0.31	-0.04	1.26	1.65	2.18	0.31	-0.45	1.27
RUBBER..........................	3.65	3.76	3.75	3.67	3.70	3.71	3.71	3.89	3.84	3.81	3.94	3.68	3.70	3.87
% CHG SAME QTR LAST YR........	2.18	-0.36	-2.55	2.56	1.34	-1.35	-1.18	5.96	3.70	2.68	6.10	-0.75	0.31	4.61
LEATHER.........................	2.61	2.58	2.66	2.68	2.65	2.66	2.61	2.57	2.64	2.60	2.58	2.64	2.65	2.60
% CHG SAME QTR LAST YR........	-2.51	-2.75	-1.27	-0.44	1.42	3.27	-2.14	-4.15	-0.42	-2.17	-0.95	-1.90	0.50	-1.94

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 12: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 SEASONALLY ADJUSTED DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS.............	3.51	3.52	3.54	3.58	3.61	3.59	3.55	3.59	3.59	3.61	3.63	3.51	3.58	3.61
% CHG PREV QTR SAAR...........	3.16	0.62	2.87	4.73	3.00	-2.07	-4.84	5.36	-0.06	1.79	3.03	-0.22	1.96	0.70
% CHG SAME QTR LAST YR........	-0.21	-0.16	1.05	2.83	2.79	2.10	0.13	0.28	-0.47	0.50	2.51	-0.22	1.96	0.70
LUMBER AND WOOD.................	2.61	2.57	2.55	2.54	2.50	2.52	2.54	2.54	2.53	2.50	2.54	2.58	2.52	2.53
% CHG PREV QTR SAAR...........	3.41	-5.17	-3.73	-2.29	-4.77	2.00	3.98	-1.04	-0.31	-5.55	6.65	-0.57	-2.15	0.04
% CHG SAME QTR LAST YR........	0.83	-0.96	-1.91	-2.00	-4.00	-2.23	-0.33	-0.01	1.14	-0.79	-0.16	-0.57	-2.15	0.04
FURNITURE AND FIXTURES..........	2.74	2.79	2.79	2.79	2.83	2.81	2.81	2.85	2.84	2.84	2.85	2.76	2.81	2.85
% CHG PREV QTR SAAR...........	1.58	7.55	0.62	-1.08	6.27	-2.96	0.24	6.45	-1.77	-0.53	1.67	0.74	1.64	1.32
% CHG SAME QTR LAST YR........	0.38	1.70	0.95	2.12	3.28	0.65	0.56	2.42	0.42	1.05	1.41	0.74	1.64	1.32
STONE, CLAY AND GLASS...........	4.38	4.33	4.52	4.37	4.42	4.43	4.41	4.41	4.41	4.31	4.34	4.42	4.41	4.37
% CHG PREV QTR SAAR...........	-6.93	-4.64	18.56	-12.45	4.33	1.18	-2.00	0.36	-0.25	-8.37	2.75	-0.06	-0.37	-0.84
% CHG SAME QTR LAST YR........	-1.89	-0.66	4.37	-2.03	0.81	2.31	-2.45	0.94	-0.19	-2.63	-1.47	-0.06	-0.37	-0.84
PRIMARY METALS..................	4.86	4.78	4.77	4.77	4.80	4.91	4.90	4.92	4.95	5.05	4.92	4.80	4.85	4.96
% CHG PREV QTR SAAR...........	7.46	-5.85	-0.99	0.16	2.36	9.78	-1.23	1.82	2.24	8.13	-9.73	0.05	1.09	2.31
% CHG SAME QTR LAST YR........	1.47	-0.44	-1.14	0.08	-1.13	2.74	2.68	3.10	3.07	2.68	0.40	0.05	1.09	2.31
FABRICATED METALS...............	3.64	3.53	3.71	3.73	3.76	3.72	3.63	3.71	3.74	3.75	3.78	3.61	3.71	3.75
% CHG PREV QTR SAAR...........	7.76	-11.05	22.25	1.85	2.53	-3.79	-9.59	10.08	3.25	0.93	2.44	-0.83	2.61	1.05
% CHG SAME QTR LAST YR........	-0.28	-2.21	2.98	4.52	3.23	5.27	-2.37	-0.46	-0.29	0.92	4.12	-0.83	2.61	1.05
MACHINERY.......................	3.38	3.40	3.39	3.53	3.51	3.46	3.43	3.42	3.43	3.42	3.46	3.38	3.48	3.43
% CHG PREV QTR SAAR...........	3.47	3.30	-2.03	17.95	-1.92	-5.39	-4.45	-0.19	0.23	-0.14	3.96	-1.10	3.07	-1.44
% CHG SAME QTR LAST YR........	-1.24	-0.57	-0.23	5.42	4.02	1.76	1.12	-3.01	-2.48	-1.16	0.95	-1.10	3.07	-1.44
INSTRUMENTS.....................	3.03	3.00	2.99	3.00	3.06	3.08	3.03	3.12	3.12	3.17	3.18	3.03	3.04	3.15
% CHG PREV QTR SAAR...........	-7.41	-4.76	-1.31	1.95	7.61	2.43	-5.35	11.45	0.63	6.84	0.86	2.99	0.47	3.50
% CHG SAME QTR LAST YR........	4.23	2.29	2.24	-2.95	0.77	2.62	1.55	3.84	2.12	3.20	4.85	2.99	0.47	3.50

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 13: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS
(1972 SEASONALLY ADJUSTED DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	3.28	3.31	3.30	3.33	3.36	3.37	3.36	3.38	3.40	3.37	3.39	3.30	3.36	3.39
% CHG PREV QTR SAAR...........	-2.26	3.22	-0.63	3.75	3.13	0.96	-0.51	1.88	3.03	-3.48	1.44	-0.82	1.74	0.89
% CHG SAME QTR LAST YR........	-1.44	-0.31	-0.92	0.99	2.35	1.79	1.82	1.36	1.33	0.20	0.69	-0.82	1.74	0.89
FOOD............................	3.47	3.47	3.50	3.44	3.50	3.56	3.58	3.65	3.65	3.55	3.59	3.48	3.52	3.61
% CHG PREV QTR SAAR...........	-1.06	0.72	3.60	-7.52	7.93	6.41	2.71	8.48	-0.04	-11.26	4.61	-0.58	1.12	2.60
% CHG SAME QTR LAST YR........	-0.96	-1.00	0.45	-1.15	1.02	2.42	2.20	6.36	4.34	-0.29	0.16	-0.58	1.12	2.60
TEXTILES........................	2.73	2.73	2.71	2.70	2.70	2.74	2.74	2.74	2.74	2.69	2.70	2.72	2.72	2.72
% CHG PREV QTR SAAR...........	1.74	-0.47	-3.18	-1.01	0.10	6.41	-0.98	0.21	1.03	-7.09	1.12	-0.07	-0.08	-0.01
% CHG SAME QTR LAST YR........	0.66	0.61	-1.02	-0.75	-1.15	0.51	1.08	1.39	1.63	-1.76	-1.25	-0.07	-0.08	-0.01
APPAREL.........................	2.42	2.40	2.40	2.41	2.39	2.39	2.37	2.34	2.36	2.34	2.34	2.41	2.39	2.35
% CHG PREV QTR SAAR...........	-3.97	-1.88	-1.33	2.46	-3.01	-1.06	-3.51	-4.23	3.63	-3.42	0.43	-2.48	-1.06	-1.80
% CHG SAME QTR LAST YR........	-3.66	-2.16	-2.30	-1.21	-0.96	-0.75	-1.31	-2.96	-1.34	-1.93	-0.95	-2.48	-1.06	-1.80
PAPER...........................	4.12	4.10	4.17	4.27	4.40	4.28	4.29	4.27	4.29	4.38	4.47	4.14	4.31	4.35
% CHG PREV QTR SAAR...........	-2.49	-2.14	6.81	9.66	12.65	-9.89	0.85	-1.93	1.45	9.20	8.58	1.14	4.19	1.02
% CHG SAME QTR LAST YR........	1.81	-0.48	1.45	2.82	6.60	4.43	2.94	0.10	-2.49	2.31	4.22	1.14	4.19	1.02
CHEMICALS.......................	4.49	4.50	4.49	4.46	4.50	4.48	4.48	4.46	4.55	4.56	4.57	4.50	4.48	4.54
% CHG PREV QTR SAAR...........	-3.22	0.63	-0.43	-2.78	3.73	-1.42	-0.71	-1.17	8.37	0.29	1.51	0.33	-0.45	1.27
% CHG SAME QTR LAST YR........	-0.77	0.59	-0.88	-1.46	0.26	-0.25	-0.32	0.09	1.19	1.63	2.19	0.33	-0.45	1.27
RUBBER AND PLASTICS.............	3.70	3.75	3.71	3.68	3.74	3.70	3.68	3.89	3.87	3.80	3.91	3.69	3.70	3.87
% CHG PREV QTR SAAR...........	12.83	5.07	-3.44	-3.76	6.96	-4.20	-2.52	25.49	-1.81	-7.24	11.43	-0.73	0.31	4.58
% CHG SAME QTR LAST YR........	1.85	-0.32	-2.25	2.45	1.09	-1.22	-0.98	5.81	3.57	2.74	6.23	-0.73	0.31	4.58
LEATHER.........................	2.62	2.61	2.65	2.66	2.65	2.69	2.60	2.56	2.64	2.63	2.57	2.64	2.65	2.60
% CHG PREV QTR SAAR...........	-6.51	-0.96	6.24	1.03	-1.15	6.48	-13.62	-6.15	13.18	-0.57	-8.80	-1.91	0.51	-1.92
% CHG SAME QTR LAST YR........	-2.68	-2.85	-1.25	-0.15	1.25	3.10	-2.10	-3.89	-0.58	-2.27	-0.93	-1.91	0.51	-1.92

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 14: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (CURRENT DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS.............	6.21	6.35	6.56	6.79	6.95	7.01	7.06	7.26	7.33	7.44	7.59	6.29	6.95	7.40
% CHG SAME QTR LAST YR........	10.11	10.12	11.31	12.54	11.86	10.45	7.57	6.92	5.47	6.13	7.51	9.97	10.55	6.51
LUMBER AND WOOD.................	4.62	4.59	4.75	4.84	4.82	4.85	5.09	5.16	5.17	5.07	5.34	4.62	4.90	5.19
% CHG SAME QTR LAST YR........	11.15	9.03	8.37	7.23	4.40	5.59	7.30	6.61	7.12	4.68	4.84	9.55	6.13	5.80
FURNITURE AND FIXTURES..........	4.87	5.03	5.17	5.28	5.46	5.48	5.59	5.77	5.81	5.85	5.95	4.95	5.45	5.84
% CHG SAME QTR LAST YR........	10.60	12.20	11.25	11.86	12.18	8.95	8.05	9.28	6.28	6.76	6.38	11.01	10.21	7.15
STONE, CLAY AND GLASS...........	7.78	7.76	8.29	8.38	8.55	8.57	8.70	9.01	9.05	8.80	9.00	7.91	8.55	8.97
% CHG SAME QTR LAST YR........	8.36	9.30	15.08	7.20	9.85	10.49	4.90	7.51	5.93	2.72	3.41	10.19	8.06	4.87
PRIMARY METALS..................	8.60	8.76	8.83	8.91	9.23	9.77	9.75	9.79	10.06	10.61	10.27	8.59	9.42	10.18
% CHG SAME QTR LAST YR........	11.63	10.18	8.96	9.41	7.32	11.45	10.38	9.87	8.99	8.63	5.33	10.23	9.66	8.16
FABRICATED METALS...............	6.40	6.39	6.94	7.04	7.19	7.27	7.28	7.47	7.60	7.75	7.95	6.47	7.20	7.69
% CHG SAME QTR LAST YR........	10.02	7.75	13.46	14.48	12.34	13.76	4.95	6.16	5.65	6.55	9.20	9.34	11.22	6.90
MACHINERY.......................	5.96	6.18	6.27	6.67	6.76	6.80	6.81	6.90	6.99	7.09	7.21	6.05	6.76	7.05
% CHG SAME QTR LAST YR........	9.09	9.64	9.80	15.40	13.30	10.04	8.55	3.45	3.40	4.36	5.82	9.00	11.74	4.27
INSTRUMENTS.....................	5.35	5.36	5.50	5.79	5.86	5.96	6.00	6.42	6.34	6.50	6.59	5.41	5.90	6.46
% CHG SAME QTR LAST YR........	14.71	13.08	12.39	6.43	9.46	11.19	8.96	10.82	8.13	9.06	9.89	13.46	9.00	9.47

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 15: TENNESSEE AVERAGE HOURLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (CURRENT DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	5.80	5.98	6.12	6.32	6.46	6.58	6.70	6.83	6.94	6.97	7.07	5.90	6.51	6.95
% CHG SAME QTR LAST YR........	8.75	9.93	9.29	10.43	11.38	10.09	9.48	8.02	7.38	5.82	5.62	9.28	10.33	6.69
FOOD...........................	6.17	6.27	6.44	6.52	6.78	6.95	7.08	7.39	7.50	7.32	7.44	6.23	6.83	7.41
% CHG SAME QTR LAST YR........	9.20	9.29	10.72	8.13	9.89	10.79	9.89	13.35	10.57	5.28	5.09	9.56	9.69	8.47
TEXTILES.......................	4.80	4.97	5.05	5.08	5.16	5.40	5.49	5.49	5.56	5.60	5.68	4.87	5.28	5.58
% CHG SAME QTR LAST YR........	11.03	10.95	9.15	8.55	7.57	8.72	8.65	8.08	7.68	3.77	3.58	10.11	8.38	5.71
APPAREL........................	4.28	4.30	4.43	4.63	4.61	4.62	4.70	4.79	4.81	4.78	4.89	4.32	4.64	4.82
% CHG SAME QTR LAST YR........	6.21	7.85	7.79	8.10	7.72	7.28	6.17	3.46	4.49	3.54	3.97	7.46	7.31	3.86
PAPER..........................	7.27	7.38	7.76	8.12	8.43	8.32	8.60	8.66	8.71	8.98	9.41	7.41	8.37	8.94
% CHG SAME QTR LAST YR........	12.26	9.49	12.08	12.52	15.96	12.73	10.87	6.65	3.36	7.93	9.41	11.44	12.99	6.85
CHEMICALS......................	7.93	8.18	8.37	8.35	8.65	8.83	8.97	8.91	9.27	9.48	9.61	8.06	8.70	9.32
% CHG SAME QTR LAST YR........	9.43	11.04	9.32	7.69	9.08	7.95	7.17	6.62	7.21	7.36	7.21	10.50	7.96	7.11
RUBBER.........................	6.46	6.80	6.96	6.94	7.12	7.26	7.39	7.84	7.81	7.87	8.23	6.60	7.18	7.94
% CHG SAME QTR LAST YR........	12.61	9.91	7.41	12.30	10.17	6.71	6.23	13.02	9.79	8.45	11.32	9.35	8.74	10.63
LEATHER........................	4.62	4.67	4.93	5.08	5.09	5.21	5.19	5.19	5.37	5.39	5.39	4.72	5.14	5.33
% CHG SAME QTR LAST YR........	7.44	7.28	8.82	9.02	10.25	11.71	5.20	2.23	5.43	3.32	3.92	8.09	8.99	3.73

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 16: TENNESSEE PERSON-HOURS PER WEEK, SELECTED DURABLE GOODS MANUFACTURING (THOUSANDS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS............	8920.	8344.	9072.	8919.	9379.	9262.	8883.	7989.	8018.	7837.	7849.	8925.	9111.	7923.
% CHG SAME QTR LAST YR........	-7.94	-13.60	-6.87	-4.77	5.15	11.00	-2.07	-10.42	-14.52	-15.38	-11.64	-7.75	2.08	-13.03
LUMBER AND WOOD................	727.	670.	688.	636.	711.	694.	645.	555.	616.	592.	589.	710.	672.	588.
% CHG SAME QTR LAST YR........	-13.29	-18.47	-17.88	-15.85	-2.26	3.68	-6.23	-12.73	-13.28	-14.80	-8.64	-12.94	-5.44	-12.43
FURNITURE AND FIXTURES..........	812.	765.	855.	842.	883.	899.	895.	747.	790.	790.	814.	824.	880.	786.
% CHG SAME QTR LAST YR........	-12.55	-16.67	-4.44	-2.46	8.83	17.52	4.74	-11.27	-10.55	-12.11	-9.05	-11.14	6.83	-10.74
STONE, CLAY AND GLASS...........	594.	570.	629.	570.	622.	597.	551.	474.	520.	509.	496.	608.	585.	500.
% CHG SAME QTR LAST YR........	-15.83	-18.87	-6.96	-10.96	4.69	4.74	-12.31	-16.84	-16.43	-14.73	-10.10	-12.22	-3.81	-14.60
PRIMARY METALS..................	778.	711.	777.	769.	788.	794.	710.	671.	669.	650.	628.	770.	765.	655.
% CHG SAME QTR LAST YR........	-13.33	-18.58	-8.26	-5.62	1.30	11.71	-8.53	-12.77	-15.03	-18.13	-11.58	-12.26	-0.61	-14.46
FABRICATED METALS...............	1331.	1274.	1350.	1298.	1333.	1321.	1258.	1110.	1139.	1149.	1190.	1336.	1302.	1147.
% CHG SAME QTR LAST YR........	-5.86	-13.71	-9.56	-6.58	0.19	3.62	-6.78	-14.48	-14.56	-13.01	-5.45	-6.58	-2.51	-11.95
MACHINERY.......................	3044.	2808.	3084.	3133.	3240.	3167.	3068.	2803.	2716.	2617.	2573.	3023.	3152.	2677.
% CHG SAME QTR LAST YR........	-1.78	-10.00	-3.34	-0.69	6.43	12.77	-0.53	-10.54	-16.16	-17.37	-16.13	-3.71	4.27	-15.06
INSTRUMENTS.....................	288.	282.	302.	316.	313.	320.	321.	305.	308.	288.	290.	291.	317.	298.
% CHG SAME QTR LAST YR........	1.66	-0.33	-2.41	8.12	8.69	13.33	6.15	-3.34	-1.70	-10.01	-9.45	0.68	9.01	-6.16

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 17: TENNESSEE PERSON-HOURS PER WEEK, SELECTED NONDURABLE GOODS MANUFACTURING (THOUSANDS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	11014.	10978.	11144.	10950.	11301.	11320.	11194.	9962.	10166.	10253.	10177.	11032.	11191.	10140.
% CHG SAME QTR LAST YR........	-0.80	-2.27	0.11	-0.38	2.61	3.12	0.45	-9.03	-10.04	-9.42	-9.08	-1.11	1.45	-9.40
FOOD............................	1564.	1647.	1537.	1462.	1534.	1614.	1555.	1445.	1515.	1562.	1483.	1573.	1541.	1501.
% CHG SAME QTR LAST YR........	-1.01	-1.19	-5.86	-5.38	-1.89	-2.00	1.15	-1.18	-1.24	-3.24	-4.59	-2.04	-2.03	-2.60
TEXTILES........................	1049.	1035.	1082.	1075.	1067.	1051.	1032.	942.	997.	952.	986.	1061.	1056.	969.
% CHG SAME QTR LAST YR........	-1.77	-3.53	1.73	-0.26	1.77	1.53	-4.62	-12.31	-6.56	-9.43	-4.47	-1.44	-0.44	-8.23
APPAREL.........................	2633.	2539.	2595.	2456.	2600.	2568.	2541.	2136.	2257.	2336.	2338.	2573.	2541.	2267.
% CHG SAME QTR LAST YR........	5.62	0.84	3.34	-2.73	-1.24	1.12	-2.08	-13.01	-13.20	-9.03	-7.96	2.76	-1.24	-10.79
PAPER...........................	733.	763.	743.	733.	748.	777.	787.	713.	697.	731.	677.	744.	761.	705.
% CHG SAME QTR LAST YR........	-3.97	-0.68	0.01	-0.40	2.05	1.88	5.88	-2.66	-6.76	-5.93	-13.91	-1.77	2.36	-7.41
CHEMICALS.......................	2393.	2363.	2370.	2427.	2422.	2416.	2394.	2326.	2283.	2236.	2168.	2383.	2415.	2253.
% CHG SAME QTR LAST YR........	-0.90	-1.99	-0.60	0.89	1.20	2.25	1.01	-4.19	-5.73	-7.43	-9.44	-0.52	1.33	-6.69
RUBBER..........................	805.	804.	871.	848.	891.	903.	885.	768.	796.	784.	778.	834.	882.	782.
% CHG SAME QTR LAST YR........	-18.55	-14.01	-5.57	-1.06	10.75	12.21	1.60	-9.45	-10.68	-13.13	-12.08	-12.94	5.68	-11.36
LEATHER.........................	760.	757.	790.	811.	886.	854.	808.	581.	563.	600.	619.	767.	840.	591.
% CHG SAME QTR LAST YR........	-0.46	-5.10	2.90	6.51	16.55	12.84	2.36	-28.35	-36.52	-29.70	-23.39	-1.42	9.49	-29.65

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 18: TENNESSEE PERSON-HOURS PER WEEK, SELECTED DURABLE GOODS MANUFACTURING (SEASONALLY ADJUSTED IN THOUSANDS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS	8863.	8383.	8943.	9067.	9313.	9308.	8759.	8128.	7952.	7876.	7734.	8928.	9112.	7923.
% CHG PREV QTR SAAR	-25.02	-19.95	29.51	5.68	11.28	-0.20	-21.58	-25.85	-8.40	-3.77	-7.02	-7.74	2.06	-13.05
% CHG SAME QTR LAST YR	-7.98	-13.53	-6.86	-4.79	5.08	11.04	-2.05	-10.36	-14.61	-15.39	-11.70	-7.74	2.06	-13.05
LUMBER AND WOOD	704.	663.	678.	673.	689.	688.	636.	587.	597.	586.	581.	712.	671.	588.
% CHG PREV QTR SAAR	-40.61	-21.32	9.25	-2.81	9.70	-0.70	-26.77	-27.50	7.29	-7.59	-3.07	-12.74	-5.67	-12.45
% CHG SAME QTR LAST YR	-13.22	-18.33	-17.84	-16.08	-2.16	3.70	-6.16	-12.79	-13.28	-14.82	-8.64	-12.74	-5.67	-12.45
FURNITURE AND FIXTURES	817.	762.	830.	865.	889.	898.	869.	767.	796.	790.	789.	824.	880.	785.
% CHG PREV QTR SAAR	-28.30	-24.35	40.69	17.76	11.88	3.80	-12.27	-39.30	15.83	-2.90	-0.29	-11.22	6.76	-10.77
% CHG SAME QTR LAST YR	-12.50	-16.33	-4.57	-2.64	8.82	17.78	4.66	-11.32	-10.55	-12.03	-9.16	-11.22	6.76	-10.77
STONE, CLAY AND GLASS	581.	563.	616.	604.	607.	589.	541.	503.	506.	502.	487.	609.	585.	500.
% CHG PREV QTR SAAR	-45.94	-12.12	44.02	-7.76	2.12	-11.34	-28.78	-25.49	2.70	-3.06	-11.60	-12.10	-3.94	-14.65
% CHG SAME QTR LAST YR	-16.00	-18.72	-7.00	-10.87	4.49	4.73	-12.18	-16.74	-16.63	-14.74	-10.01	-12.10	-3.94	-14.65
PRIMARY METALS	774.	717.	770.	773.	782.	801.	707.	673.	664.	655.	625.	770.	766.	655.
% CHG PREV QTR SAAR	-20.53	-26.32	33.07	1.41	4.94	9.77	-39.36	-17.52	-5.19	-5.39	-17.17	-12.29	-0.60	-14.50
% CHG SAME QTR LAST YR	-13.42	-18.74	-7.82	-5.72	1.07	11.66	-8.26	-12.88	-15.06	-18.16	-11.52	-12.29	-0.60	-14.50
FABRICATED METALS	1340.	1267.	1320.	1328.	1341.	1313.	1229.	1138.	1145.	1142.	1161.	1336.	1303.	1146.
% CHG PREV QTR SAAR	-20.42	-20.02	17.78	2.70	3.82	-8.22	-23.14	-26.54	2.65	-1.10	6.78	-6.50	-2.49	-11.99
% CHG SAME QTR LAST YR	-5.91	-13.75	-9.71	-6.33	0.11	3.61	-6.87	-14.36	-14.60	-12.99	-5.54	-6.50	-2.49	-11.99
MACHINERY	3025.	2849.	3056.	3141.	3215.	3209.	3045.	2814.	2689.	2650.	2555.	3023.	3152.	2677.
% CHG PREV QTR SAAR	-16.12	-21.34	32.32	11.59	9.74	-0.73	-18.88	-27.04	-16.71	-5.57	-13.62	-3.73	4.28	-15.07
% CHG SAME QTR LAST YR	-1.92	-10.09	-3.13	-0.65	6.26	12.62	-0.35	-10.39	-16.36	-17.40	-16.09	-3.73	4.28	-15.07
INSTRUMENTS	289.	288.	295.	316.	313.	327.	314.	306.	307.	294.	284.	291.	318.	298.
% CHG PREV QTR SAAR	-4.98	-0.94	10.18	31.95	-4.44	19.09	-14.96	-9.47	0.97	-15.60	-12.77	0.64	9.03	-6.18
% CHG SAME QTR LAST YR	1.35	-0.12	-2.23	8.16	8.31	13.41	6.30	-3.25	-1.91	-10.00	-9.43	0.64	9.03	-6.18

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 19: TENNESSEE PERSON-HOURS PER WEEK, SELECTED NONDURABLE GOODS MANUFACTURING (SEASONALLY ADJUSTED IN THOUSANDS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS	11014.	10843.	11090.	11141.	11294.	11191.	11136.	10136.	10155.	10143.	10118.	11035.	11190.	10138.
% CHG PREV QTR SAAR	-6.18	-6.06	9.44	1.82	5.63	-3.60	-1.96	-31.36	0.74	-0.46	-0.98	-1.12	1.41	-9.40
% CHG SAME QTR LAST YR	-0.87	-2.18	0.13	-0.45	2.54	3.21	0.41	-9.02	-10.09	-9.36	-9.14	-1.12	1.41	-9.40
FOOD	1576.	1569.	1538.	1524.	1544.	1540.	1555.	1507.	1524.	1491.	1483.	1573.	1541.	1501.
% CHG PREV QTR SAAR	-8.27	-1.67	-7.76	-3.49	5.35	-1.11	3.87	-11.69	4.52	-8.44	-2.03	-2.03	-2.07	-2.57
% CHG SAME QTR LAST YR	-1.10	-1.05	-5.94	-5.34	-2.01	-1.87	1.09	-1.13	-1.32	-3.20	-4.61	-2.03	-2.07	-2.57
TEXTILES	1048.	1044.	1068.	1080.	1066.	1062.	1018.	947.	995.	963.	972.	1061.	1056.	969.
% CHG PREV QTR SAAR	-12.46	-1.66	9.44	4.53	-4.80	-1.66	-15.72	-24.97	22.00	-12.48	3.93	-1.45	-0.43	-8.25
% CHG SAME QTR LAST YR	-1.76	-3.29	1.64	-0.38	1.73	1.73	-4.70	-12.28	-6.67	-9.35	-4.47	-1.45	-0.43	-8.25
APPAREL	2606.	2508.	2571.	2538.	2571.	2539.	2511.	2211.	2232.	2311.	2306.	2572.	2540.	2265.
% CHG PREV QTR SAAR	0.14	-14.16	10.34	-5.03	5.42	-4.89	-4.43	-39.85	3.86	14.91	-0.83	2.74	-1.27	-10.81
% CHG SAME QTR LAST YR	5.54	0.80	3.28	-2.58	-1.32	1.24	-2.33	-12.87	-13.19	-8.99	-8.14	2.74	-1.27	-10.81
PAPER	740.	742.	739.	750.	755.	757.	783.	729.	705.	712.	674.	744.	761.	705.
% CHG PREV QTR SAAR	-7.65	1.08	-1.52	6.05	2.83	0.65	14.68	-24.74	-12.73	3.98	-19.63	-1.82	2.32	-7.40
% CHG SAME QTR LAST YR	-3.99	-0.56	0.15	-0.63	2.07	1.96	5.92	-2.78	-6.69	-5.93	-13.93	-1.82	2.32	-7.40
CHEMICALS	2379.	2359.	2387.	2427.	2408.	2413.	2411.	2324.	2270.	2235.	2184.	2383.	2415.	2253.
% CHG PREV QTR SAAR	-4.67	-3.28	4.88	6.83	-3.07	0.83	-0.32	-13.68	-9.00	-6.07	-8.84	-0.53	1.34	-6.70
% CHG SAME QTR LAST YR	-0.84	-1.86	-0.69	0.82	1.24	2.30	1.01	-4.24	-5.73	-7.39	-9.44	-0.53	1.34	-6.70
RUBBER AND PLASTICS	810.	804.	850.	867.	895.	902.	863.	786.	798.	784.	758.	834.	882.	781.
% CHG PREV QTR SAAR	-26.30	-3.02	24.96	8.19	13.72	3.24	-16.35	-30.90	6.02	-6.93	-12.77	-13.01	5.66	-11.35
% CHG SAME QTR LAST YR	-18.90	-14.11	-5.40	-0.85	10.50	12.24	1.52	-9.24	-10.82	-13.10	-12.18	-13.01	5.66	-11.35
LEATHER	759.	746.	784.	831.	888.	839.	799.	597.	565.	589.	610.	766.	839.	590.
% CHG PREV QTR SAAR	-8.40	-6.77	21.54	26.36	30.69	-20.30	-17.78	-68.81	-19.76	17.94	15.14	-1.46	9.52	-29.66
% CHG SAME QTR LAST YR	-0.02	-5.42	2.39	7.02	16.96	12.46	1.99	-28.11	-36.36	-29.81	-23.65	-1.46	9.52	-29.66

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 20: TENNESSEE AVERAGE WEEKLY HOURS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS.............	39.6	39.3	41.1	40.3	40.8	40.2	40.1	38.2	39.2	39.2	40.0	40.0	40.3	39.2
% CHG SAME QTR LAST YR........	-0.25	-1.92	0.74	0.67	3.03	2.38	-2.35	-5.05	-4.00	-2.57	-0.17	-0.48	0.90	-2.95
LUMBER AND WOOD..................	37.7	37.7	38.6	38.1	39.4	39.2	39.2	35.9	37.8	37.8	38.9	37.9	39.0	37.6
% CHG SAME QTR LAST YR........	-2.50	-0.26	0.70	0.62	4.60	4.07	1.56	-5.77	-4.06	-3.74	-0.60	-0.55	2.70	-3.53
FURNITURE AND FIXTURES...........	37.9	38.1	39.8	38.7	39.2	39.5	39.8	36.2	38.2	39.0	39.6	38.4	39.3	38.2
% CHG SAME QTR LAST YR........	-0.18	-0.61	2.67	2.47	3.52	3.58	0.08	-6.55	-2.47	-1.27	-0.50	0.37	2.39	-2.67
STONE, CLAY AND GLASS............	41.0	40.9	43.6	40.7	42.4	42.3	41.7	38.8	41.5	41.8	41.0	41.5	41.8	40.8
% CHG SAME QTR LAST YR........	-0.16	-1.21	4.64	0.49	3.50	3.50	-4.36	-4.83	-2.20	-1.18	-1.68	0.28	0.70	-2.45
PRIMARY METALS...................	40.4	39.3	41.5	40.5	41.1	41.1	39.0	39.3	40.0	39.0	40.3	40.5	40.4	39.6
% CHG SAME QTR LAST YR........	-3.11	-6.14	0.24	-0.65	1.65	4.58	-6.02	-2.88	-2.68	-5.03	3.16	-3.40	-0.19	-1.92
FABRICATED METALS................	40.5	39.9	41.8	40.9	41.4	40.8	40.2	38.3	40.1	40.4	41.2	40.8	40.8	40.0
% CHG SAME QTR LAST YR........	0.16	-2.37	0.16	0.00	2.06	2.34	-3.90	-6.51	-3.14	-0.98	2.40	0.18	0.08	-2.08
MACHINERY........................	39.4	39.5	41.3	40.9	41.1	40.0	40.1	38.5	38.7	38.5	39.2	40.2	40.5	38.7
% CHG SAME QTR LAST YR........	-0.25	-2.23	0.24	0.90	4.23	1.18	-2.83	-5.79	-5.68	-3.75	-2.24	-0.72	0.83	-4.38
INSTRUMENTS......................	39.5	39.4	39.9	39.8	38.5	38.4	38.8	38.6	39.7	38.5	40.0	39.4	38.9	39.2
% CHG SAME QTR LAST YR........	1.20	0.60	-2.84	2.67	-2.45	-2.54	-2.84	-2.93	2.94	0.43	3.01	-0.53	-1.31	0.84

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 21: TENNESSEE AVERAGE WEEKLY HOURS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	39.2	39.3	40.1	39.4	39.7	39.6	39.7	36.9	38.3	38.6	38.9	39.5	39.6	38.2
% CHG SAME QTR LAST YR........	1.03	-0.76	1.09	0.25	1.10	0.68	-1.00	-6.18	-3.53	-2.36	-1.85	0.45	0.25	-3.48
FOOD............................	40.1	41.1	40.1	39.2	40.2	41.1	40.6	38.6	39.7	39.7	38.8	40.4	40.3	39.2
% CHG SAME QTR LAST YR........	-0.17	-1.36	-2.75	-2.08	0.25	0.00	1.33	-1.53	-1.24	-3.40	-4.59	-0.78	-0.12	-2.71
TEXTILES........................	40.4	39.3	41.0	40.3	39.9	39.6	40.1	36.7	39.1	38.2	39.8	40.4	40.0	38.4
% CHG SAME QTR LAST YR........	3.41	-1.09	3.02	-1.39	-1.40	0.76	-2.28	-9.02	-1.92	-3.62	-0.75	2.28	-1.09	-3.84
APPAREL.........................	37.2	36.8	37.6	36.4	37.0	36.7	36.7	33.0	35.5	36.6	36.5	37.1	36.7	35.4
% CHG SAME QTR LAST YR........	3.33	-1.25	0.90	-0.91	-0.54	-0.18	-2.22	-9.52	-4.05	-0.18	-0.64	1.14	-0.97	-3.59
PAPER...........................	41.2	42.2	42.5	42.4	42.6	42.6	43.3	42.1	41.5	41.9	43.1	41.9	42.7	42.2
% CHG SAME QTR LAST YR........	0.16	1.52	1.35	1.52	3.40	0.95	1.80	-0.55	-2.51	-1.80	-0.38	0.80	1.91	-1.31
CHEMICALS.......................	40.8	40.8	41.1	41.4	41.1	42.1	41.3	40.4	40.3	40.5	40.4	40.9	41.5	40.4
% CHG SAME QTR LAST YR........	-1.13	-0.41	1.07	1.06	0.57	3.02	0.49	-2.42	-1.79	-3.80	-2.18	-0.08	1.28	-2.55
RUBBER..........................	39.8	41.0	42.3	40.5	41.1	40.5	41.5	38.9	39.7	39.7	40.9	40.8	40.9	39.8
% CHG SAME QTR LAST YR........	-2.69	1.32	2.84	0.83	3.10	-1.06	-1.74	-3.79	-3.41	-1.97	-1.61	-0.41	0.25	-2.69
LEATHER.........................	38.7	38.9	40.6	40.3	40.2	37.7	38.1	33.9	36.1	36.9	37.8	39.3	39.0	36.2
% CHG SAME QTR LAST YR........	2.92	-1.85	1.84	3.16	3.70	-3.09	-6.32	-15.96	-10.21	-2.04	-0.61	1.03	-0.70	-7.38

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 22: TENNESSEE AVERAGE WEEKLY HOURS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS, SEASONALLY ADJUSTED

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS.............	39.6	39.4	40.5	40.6	40.8	40.4	39.6	38.6	39.1	39.4	39.5	40.0	40.4	39.2
% CHG PREV QTR SAAR...........	-6.75	-2.00	11.56	0.95	1.71	-3.93	-7.87	-9.45	5.53	2.57	1.15	-0.48	0.91	-2.97
% CHG SAME QTR LAST YR........	-0.32	-1.85	0.71	0.72	2.93	2.42	-2.36	-4.98	-4.10	-2.52	-0.22	-0.48	0.91	-2.97
LUMBER AND WOOD.................	37.4	37.7	38.1	38.8	39.2	39.2	38.7	36.6	37.6	37.8	38.4	38.0	39.0	37.6
% CHG PREV QTR SAAR...........	-11.94	3.25	4.31	7.59	3.89	0.66	-5.76	-20.03	11.98	1.72	6.87	-0.55	2.68	-3.55
% CHG SAME QTR LAST YR........	-2.40	-0.20	0.63	0.51	4.75	4.08	1.47	-5.78	-4.00	-3.74	-0.67	-0.55	2.68	-3.55
FURNITURE AND FIXTURES..........	38.0	38.0	39.1	39.3	39.4	39.3	39.1	36.8	38.4	38.9	38.9	38.4	39.3	38.2
% CHG PREV QTR SAAR...........	-3.92	-0.62	13.05	2.05	0.56	-0.58	-2.09	-22.04	19.38	4.51	0.29	0.35	2.40	-2.70
% CHG SAME QTR LAST YR........	-0.05	-0.48	2.48	2.45	3.62	3.63	-0.02	-6.53	-2.44	-1.21	-0.62	0.35	2.40	-2.70
STONE, CLAY AND GLASS...........	40.7	40.6	42.9	42.0	42.1	42.0	41.1	40.0	41.1	41.5	40.4	41.5	41.8	40.8
% CHG PREV QTR SAAR...........	-8.58	-1.05	24.58	-8.77	1.62	-1.35	-8.06	-10.38	11.87	3.19	-9.56	0.27	0.72	-2.48
% CHG SAME QTR LAST YR........	-0.17	-1.37	4.69	0.70	3.39	3.31	-4.24	-4.67	-2.35	-1.24	-1.65	0.27	0.72	-2.48
PRIMARY METALS..................	40.4	39.4	41.2	40.6	41.0	41.3	38.8	39.4	39.9	39.2	40.0	40.5	40.4	39.6
% CHG PREV QTR SAAR...........	-4.54	-9.46	19.34	-5.78	4.00	2.60	-21.94	6.50	4.78	-6.38	8.53	-3.41	-0.18	-1.95
% CHG SAME QTR LAST YR........	-3.27	-6.17	0.50	-0.71	1.44	4.66	-5.88	-2.95	-2.77	-4.97	3.19	-3.41	-0.18	-1.95
FABRICATED METALS...............	40.6	40.0	41.3	41.3	41.4	41.0	39.7	38.6	40.0	40.6	40.7	40.8	40.8	40.0
% CHG PREV QTR SAAR...........	-5.98	-5.14	13.44	-0.66	0.95	-3.63	-11.58	-11.09	15.92	5.55	0.99	0.18	0.11	-2.11
% CHG SAME QTR LAST YR........	0.08	-2.44	0.20	0.13	1.92	2.33	-3.85	-6.49	-3.19	-0.97	2.38	0.18	0.11	-2.11
MACHINERY.......................	39.5	39.9	40.7	41.0	41.1	40.4	39.6	38.7	38.7	38.9	38.7	40.2	40.5	38.7
% CHG PREV QTR SAAR...........	-10.12	3.73	8.84	2.29	1.72	-7.47	-7.23	-9.30	0.87	1.30	-1.53	-0.73	0.83	-4.39
% CHG SAME QTR LAST YR........	-0.36	-2.23	0.33	0.94	4.11	1.18	-2.78	-5.66	-5.86	-3.71	-2.26	-0.73	0.83	-4.39
INSTRUMENTS.....................	39.5	39.6	39.3	40.2	38.5	38.7	38.2	39.0	39.6	38.9	39.4	39.4	38.9	39.2
% CHG PREV QTR SAAR...........	3.60	0.46	-2.67	9.19	-15.77	1.82	-4.71	8.01	6.88	-6.97	4.80	-0.54	-1.30	0.80
% CHG SAME QTR LAST YR........	1.11	0.86	-2.83	2.56	-2.62	-2.29	-2.81	-3.07	2.88	0.58	3.00	-0.54	-1.30	0.80

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 23: TENNESSEE AVERAGE WEEKLY HOURS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS, SEASONALLY ADJUSTED

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	39.3	39.1	39.8	39.7	39.7	39.4	39.4	37.3	38.3	38.5	38.7	39.5	39.6	38.2
% CHG PREV QTR SAAR...........	-3.39	-2.29	7.67	-0.78	-0.20	-3.34	0.40	-19.96	11.12	2.01	2.22	0.45	0.25	-3.49
% CHG SAME QTR LAST YR........	1.00	-0.69	1.13	0.21	1.03	0.76	-0.99	-6.17	-3.61	-2.30	-1.87	0.45	0.25	-3.49
FOOD..........................	40.3	40.4	40.0	40.0	40.4	40.4	40.5	39.4	39.8	39.0	38.7	40.4	40.3	39.2
% CHG PREV QTR SAAR...........	-4.74	0.48	-3.66	-0.06	3.89	0.12	1.54	-10.83	4.57	-8.03	-3.24	-0.76	-0.13	-2.70
% CHG SAME QTR LAST YR........	-0.28	-1.33	-2.73	-2.02	0.13	0.04	1.36	-1.49	-1.33	-3.40	-4.56	-0.76	-0.13	-2.70
TEXTILES......................	40.5	39.7	40.4	40.4	39.9	40.1	39.4	36.8	39.1	38.7	39.1	40.4	40.0	38.4
% CHG PREV QTR SAAR...........	-5.28	-7.18	6.95	0.57	-5.11	1.61	-6.70	-23.62	27.72	-4.93	4.26	2.27	-1.08	-3.85
% CHG SAME QTR LAST YR........	3.49	-0.85	2.72	-1.39	-1.34	0.91	-2.47	-8.95	-1.93	-3.55	-0.84	2.27	-1.08	-3.85
APPAREL.......................	37.2	36.4	37.3	37.1	37.0	36.4	36.5	33.6	35.5	36.3	36.2	37.1	36.7	35.4
% CHG PREV QTR SAAR...........	-2.42	-8.22	10.36	-2.31	-1.38	-6.36	1.01	-28.01	24.29	10.03	-1.24	1.15	-0.98	-3.63
% CHG SAME QTR LAST YR........	3.36	-1.38	1.01	-0.87	-0.61	-0.11	-2.30	-9.48	-4.09	-0.14	-0.70	1.15	-0.98	-3.63
PAPER.........................	41.4	42.1	42.3	42.5	42.8	42.5	43.0	42.2	41.7	41.8	42.9	41.9	42.7	42.2
% CHG PREV QTR SAAR...........	-4.89	6.50	1.89	2.26	2.97	-2.66	4.79	-7.15	-4.75	0.60	10.74	0.79	1.90	-1.32
% CHG SAME QTR LAST YR........	0.21	1.71	1.34	1.36	3.39	1.09	1.80	-0.62	-2.54	-1.74	-0.37	0.79	1.90	-1.32
CHEMICALS.....................	40.8	40.8	41.1	41.5	41.0	42.0	41.3	40.5	40.3	40.4	40.4	40.9	41.5	40.4
% CHG PREV QTR SAAR...........	-2.09	-0.04	3.37	3.35	-4.00	9.59	-6.31	-7.86	-1.62	0.78	0.17	-0.07	1.29	-2.55
% CHG SAME QTR LAST YR........	-1.03	-0.45	0.97	1.12	0.62	2.96	0.46	-2.38	-1.78	-3.82	-2.19	-0.07	1.29	-2.55
RUBBER AND PLASTICS...........	40.0	41.0	41.3	41.1	41.2	40.7	40.6	39.6	39.8	39.9	39.9	40.8	40.9	39.8
% CHG PREV QTR SAAR...........	-6.91	10.43	2.78	-2.10	1.25	-5.52	-0.63	-9.66	2.18	1.01	0.25	-0.44	0.26	-2.71
% CHG SAME QTR LAST YR........	-2.79	1.42	2.82	0.85	2.99	-0.95	-1.78	-3.73	-3.51	-1.89	-1.67	-0.44	0.26	-2.71
LEATHER.......................	38.8	39.1	40.0	40.7	40.2	37.9	37.4	34.3	36.0	37.1	37.1	39.3	39.1	36.1
% CHG PREV QTR SAAR...........	-5.71	3.60	8.94	7.66	-5.24	-20.73	-5.04	-29.51	21.99	12.82	0.11	1.00	-0.65	-7.43
% CHG SAME QTR LAST YR........	2.96	-1.83	1.62	3.46	3.59	-3.12	-6.39	-15.79	-10.30	-2.03	-0.73	1.00	-0.65	-7.43

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 24: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS............	139.13	137.61	145.46	144.59	147.51	143.85	142.12	137.62	141.06	140.84	145.38	140.49	144.52	141.23
% CHG SAME QTR LAST YR........	-0.34	-2.08	1.72	3.47	6.02	4.53	-2.29	-4.82	-4.37	-2.09	2.30	-0.69	2.87	-2.28
LUMBER AND WOOD................	98.37	95.55	98.79	97.58	98.82	97.07	100.15	91.90	95.92	92.61	99.48	97.94	98.40	94.98
% CHG SAME QTR LAST YR........	-1.67	-1.43	-1.00	-1.46	0.46	1.58	1.37	-5.82	-2.94	-4.59	-0.67	-1.11	0.48	-3.48
FURNITURE AND FIXTURES..........	104.25	105.84	111.02	108.06	111.37	110.43	111.69	103.46	109.04	110.21	112.67	106.08	110.39	108.85
% CHG SAME QTR LAST YR........	0.18	1.10	3.63	4.69	6.83	4.33	0.60	-4.25	-2.09	-0.20	0.88	1.12	4.06	-1.39
STONE, CLAY AND GLASS...........	180.32	175.18	194.99	180.58	188.59	185.19	181.98	173.24	184.53	178.00	176.35	183.51	184.09	178.03
% CHG SAME QTR LAST YR........	-1.84	-2.11	9.25	-1.61	4.59	5.72	-6.67	-4.07	-2.15	-3.89	-3.09	0.25	0.32	-3.29
PRIMARY METALS..................	196.64	190.01	197.99	190.74	197.34	204.74	191.05	190.82	197.71	200.00	197.87	194.20	195.97	196.60
% CHG SAME QTR LAST YR........	-1.86	-6.24	-0.91	-0.73	0.36	7.75	-3.51	0.04	0.19	-2.32	3.57	-3.35	0.91	0.32
FABRICATED METALS...............	146.72	140.74	156.68	152.32	154.74	151.48	146.98	141.72	149.56	151.33	156.66	147.46	151.38	149.82
% CHG SAME QTR LAST YR........	-0.00	-4.63	3.10	4.55	5.47	7.63	-6.19	-6.96	-3.35	-0.10	6.58	-0.60	2.66	-1.03
MACHINERY.......................	132.82	134.83	139.71	144.26	144.29	138.78	137.09	131.82	132.92	131.99	135.17	135.75	141.11	132.97
% CHG SAME QTR LAST YR........	-1.27	-2.82	-0.14	6.34	8.64	2.93	-1.87	-8.63	-7.88	-4.89	-1.40	-1.82	3.94	-5.76
INSTRUMENTS.....................	119.53	116.51	118.60	121.93	117.42	116.73	116.80	122.97	123.45	121.06	126.02	119.21	118.22	123.37
% CHG SAME QTR LAST YR........	5.34	3.12	-0.93	-0.21	-1.77	0.18	-1.52	0.85	5.14	3.71	7.89	2.44	-0.83	4.36

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 25: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	128.63	129.77	132.26	131.57	133.25	132.97	133.35	125.00	130.37	130.08	131.76	130.20	132.78	129.31
% CHG SAME QTR LAST YR........	-0.30	-1.10	0.24	1.11	3.59	2.46	0.83	-4.99	-2.16	-2.17	-1.19	-0.38	1.99	-2.62
FOOD............................	139.98	142.49	139.37	135.20	141.85	145.93	144.35	141.48	146.30	140.51	137.94	140.41	141.83	141.56
% CHG SAME QTR LAST YR........	-1.07	-2.27	-2.31	-3.30	1.34	2.42	3.58	4.64	3.14	-3.71	-4.44	-1.35	1.01	-0.19
TEXTILES........................	109.71	107.78	111.74	108.19	107.04	109.16	110.36	99.74	106.78	103.36	108.14	109.97	108.69	104.50
% CHG SAME QTR LAST YR........	4.18	-0.52	2.01	-2.24	-2.43	1.28	-1.24	-7.81	-0.25	-5.31	-2.01	2.20	-1.17	-3.85
APPAREL.........................	89.93	87.37	89.74	89.14	88.64	86.49	86.67	78.24	83.93	84.63	85.34	89.54	87.73	83.03
% CHG SAME QTR LAST YR........	-0.41	-3.45	-1.33	-2.17	-1.44	-1.00	-3.42	-12.23	-5.31	-2.14	-1.53	-1.35	-2.02	-5.36
PAPER...........................	169.10	172.18	178.12	181.85	186.53	181.14	187.01	180.83	177.54	181.78	194.27	173.43	184.13	183.60
% CHG SAME QTR LAST YR........	2.03	0.77	3.06	4.32	10.30	5.20	4.99	-0.56	-4.82	0.35	3.88	1.95	6.17	-0.29
CHEMICALS.......................	182.97	184.44	185.57	182.88	184.65	189.61	185.91	178.40	183.64	185.42	185.83	184.24	185.76	183.32
% CHG SAME QTR LAST YR........	-1.82	0.25	0.24	-0.61	0.92	2.81	0.18	-2.45	-0.55	-2.21	-0.04	0.23	0.82	-1.32
RUBBER..........................	145.46	153.90	158.68	148.44	151.98	150.22	154.08	151.33	152.22	151.20	160.86	150.39	151.18	153.90
% CHG SAME QTR LAST YR........	-0.56	0.95	0.21	3.42	4.48	-2.39	-2.90	1.95	0.16	0.66	4.40	-1.11	0.52	1.80
LEATHER.........................	101.16	100.15	108.18	108.19	106.39	100.24	99.18	87.14	95.13	96.07	97.63	103.71	103.50	93.99
% CHG SAME QTR LAST YR........	0.34	-4.55	0.54	2.71	5.17	0.09	-8.32	-19.45	-10.58	-4.16	-1.56	-0.87	-0.20	-9.19

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 26: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS
(1972 SEASONALLY ADJUSTED DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS.............	139.17	138.68	143.53	145.55	147.25	145.02	140.33	138.68	140.54	142.07	143.54	140.48	144.53	141.21
% CHG PREV QTR SAAR...........	-3.81	-1.39	14.75	5.73	4.76	-5.92	-12.33	-4.60	5.47	4.40	4.22	-0.70	2.89	-2.30
% CHG SAME QTR LAST YR........	-0.53	-2.01	1.76	3.57	5.81	4.57	-2.24	-4.72	-4.55	-2.03	2.29	-0.70	2.89	-2.30
LUMBER AND WOOD.................	97.58	97.07	97.17	98.39	98.13	98.77	98.27	92.69	95.28	94.33	97.46	97.93	98.39	94.94
% CHG PREV QTR SAAR...........	-8.94	-2.09	0.41	5.13	-1.07	2.67	-2.01	-20.86	11.64	-3.92	13.97	-1.11	0.47	-3.51
% CHG SAME QTR LAST YR........	-1.60	-1.16	-1.29	-1.50	0.56	1.76	1.14	-5.79	-2.90	-4.50	-0.82	-1.11	0.47	-3.51
FURNITURE AND FIXTURES..........	104.16	105.91	109.37	109.63	111.47	110.47	109.96	104.95	109.21	110.27	110.81	106.06	110.38	108.81
% CHG PREV QTR SAAR...........	-2.40	6.88	13.75	0.94	6.87	-3.52	-1.86	-17.01	17.26	3.95	1.97	1.10	4.08	-1.42
% CHG SAME QTR LAST YR........	0.33	1.21	3.46	4.62	7.02	4.31	0.53	-4.27	-2.02	-0.18	0.78	1.10	4.08	-1.42
STONE, CLAY AND GLASS...........	178.46	175.89	193.91	183.31	186.01	185.92	181.14	176.40	181.30	178.78	175.53	183.52	184.10	178.00
% CHG PREV QTR SAAR...........	-14.92	-5.64	47.71	-20.13	6.01	-0.19	-9.90	-10.06	11.59	-5.45	-7.07	0.22	0.31	-3.31
% CHG SAME QTR LAST YR........	-2.06	-2.03	9.26	-1.35	4.23	5.70	-6.58	-3.77	-2.53	-3.84	-3.09	0.22	0.31	-3.31
PRIMARY METALS..................	196.36	188.68	196.71	193.89	196.94	202.89	190.11	194.00	197.37	197.97	196.96	194.21	195.96	196.58
% CHG PREV QTR SAAR...........	2.59	-14.75	18.16	-5.63	6.45	12.64	-22.90	8.43	7.12	1.23	-2.03	-3.36	0.90	0.32
% CHG SAME QTR LAST YR........	-1.85	-6.58	-0.65	-0.63	0.30	7.53	-3.35	0.06	0.22	-2.42	3.60	-3.36	0.90	0.32
FABRICATED METALS...............	147.60	141.46	153.51	153.96	155.30	152.39	144.09	143.32	149.90	152.30	153.60	147.42	151.43	149.78
% CHG PREV QTR SAAR...........	1.32	-15.63	38.68	1.19	3.50	-7.28	-20.06	-2.13	19.69	6.54	3.46	-0.62	2.72	-1.09
% CHG SAME QTR LAST YR........	-0.20	-4.59	3.19	4.65	5.21	7.72	-6.14	-6.92	-3.47	-0.06	6.60	-0.62	2.72	-1.09
MACHINERY.......................	133.46	135.79	137.98	144.61	144.53	139.80	135.65	132.32	132.68	133.06	133.84	135.78	141.15	132.97
% CHG PREV QTR SAAR...........	-7.00	7.15	6.63	20.65	-0.24	-12.46	-11.36	-9.47	1.10	1.16	2.37	-1.82	3.95	-5.79
% CHG SAME QTR LAST YR........	-1.59	-2.79	0.10	6.41	8.29	2.96	-1.69	-8.50	-8.20	-4.82	-1.33	-1.82	3.95	-5.79
INSTRUMENTS.....................	119.92	118.61	117.42	120.61	117.69	118.93	115.90	121.40	123.63	123.44	125.16	119.28	118.28	123.41
% CHG PREV QTR SAAR...........	-4.08	-4.31	-3.94	11.32	-9.36	4.29	-9.81	20.37	7.56	-0.60	5.70	2.43	-0.84	4.34
% CHG SAME QTR LAST YR........	5.39	3.17	-0.66	-0.47	-1.87	0.27	-1.30	0.65	5.05	3.80	7.99	2.43	-0.84	4.34

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 27: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (1972 SEASONALLY ADJUSTED DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	129.04	129.32	131.52	132.48	133.44	132.63	132.59	126.00	130.33	129.83	131.01	130.20	132.78	129.29
% CHG PREV QTR SAAR...........	-5.57	0.86	6.99	2.95	2.93	-2.41	-0.11	-18.45	14.49	-1.54	3.69	-0.37	1.99	-2.63
% CHG SAME QTR LAST YR.........	-0.45	-1.00	0.20	1.20	3.41	2.56	0.81	-4.89	-2.33	-2.11	-1.19	-0.37	1.99	-2.63
FOOD...........................	139.70	140.12	140.05	137.32	141.30	143.56	145.08	143.88	145.48	138.27	138.69	140.41	141.82	141.58
% CHG PREV QTR SAAR...........	-5.75	1.20	-0.18	-7.58	12.12	6.54	4.29	-3.27	4.53	-18.39	1.22	-1.33	1.00	-0.17
% CHG SAME QTR LAST YR.........	-1.24	-2.32	-2.30	-3.15	1.15	2.46	3.59	4.78	2.95	-3.68	-4.40	-1.33	1.00	-0.17
TEXTILES.......................	110.54	108.37	109.32	109.19	107.80	109.92	107.77	100.80	107.43	104.15	105.54	109.95	108.67	104.48
% CHG PREV QTR SAAR...........	-3.63	-7.62	3.55	-0.45	-5.02	8.12	-7.61	-23.46	29.04	-11.67	5.42	2.20	-1.16	-3.86
% CHG SAME QTR LAST YR.........	4.17	-0.24	1.68	-2.12	-2.48	1.43	-1.42	-7.69	-0.34	-5.25	-2.07	2.20	-1.16	-3.86
APPAREL........................	89.86	87.54	89.42	89.45	88.46	86.79	86.23	78.57	83.71	84.99	84.82	89.54	87.73	83.02
% CHG PREV QTR SAAR...........	-6.29	-9.95	8.89	0.10	-4.34	-7.36	-2.53	-31.06	28.80	6.27	-0.82	-1.35	-2.02	-5.37
% CHG SAME QTR LAST YR.........	-0.43	-3.52	-1.32	-2.07	-1.56	-0.86	-3.57	-12.15	-5.37	-2.07	-1.64	-1.35	-2.02	-5.37
PAPER..........................	170.81	172.58	176.27	181.39	188.25	182.18	184.71	180.44	178.90	183.16	191.79	173.43	184.13	183.57
% CHG PREV QTR SAAR...........	-7.26	4.22	8.83	12.14	16.00	-12.28	5.68	-8.94	-3.37	9.86	20.23	1.93	6.17	-0.30
% CHG SAME QTR LAST YR.........	2.03	1.22	2.81	4.21	10.21	5.56	4.79	-0.52	-4.96	0.54	3.83	1.93	6.17	-0.30
CHEMICALS......................	183.09	183.36	184.69	184.91	184.71	188.31	184.94	180.67	183.58	184.07	184.84	184.18	185.72	183.29
% CHG PREV QTR SAAR...........	-5.24	0.59	2.93	0.48	-0.42	8.03	-6.97	-8.93	6.61	1.08	1.68	0.25	0.84	-1.31
% CHG SAME QTR LAST YR.........	-1.79	0.14	0.09	-0.36	0.89	2.70	0.14	-2.29	-0.61	-2.25	-0.05	0.25	0.84	-1.31
RUBBER AND PLASTICS............	148.12	153.73	153.44	151.17	154.21	150.42	149.22	153.98	154.11	151.62	155.87	150.40	151.26	153.89
% CHG PREV QTR SAAR...........	5.04	16.03	-0.76	-5.78	8.30	-9.49	-3.14	13.37	0.33	-6.30	11.71	-1.14	0.57	1.74
% CHG SAME QTR LAST YR.........	-0.99	1.10	0.50	3.32	4.11	-2.15	-2.75	1.86	-0.07	0.80	4.46	-1.14	0.57	1.74
LEATHER........................	101.53	102.18	105.98	108.24	106.48	102.06	97.13	87.60	94.96	97.72	95.53	103.62	103.48	93.95
% CHG PREV QTR SAAR...........	-11.85	2.60	15.74	8.77	-6.33	-15.60	-17.97	-33.84	38.07	12.18	-8.69	-0.93	-0.14	-9.21
% CHG SAME QTR LAST YR.........	0.21	-4.63	0.36	3.30	4.88	-0.12	-8.36	-19.07	-10.82	-4.25	-1.65	-0.93	-0.14	-9.21

SOURCE: TENNESSEE ECONOMETRIC MOODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 28: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED DURABLE GOODS MANUFACTURING PRODUCTION WORKERS (CURRENT DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL DURABLE GOODS.............	246.12	249.21	269.53	273.41	283.66	281.80	283.11	277.57	287.21	291.40	303.85	251.55	280.49	290.01
% CHG SAME QTR LAST YR........	9.83	8.01	12.12	13.29	15.25	13.08	5.04	1.52	1.25	3.41	7.33	9.46	11.51	3.39
LUMBER AND WOOD.................	174.02	173.04	183.06	184.53	190.04	190.15	199.49	185.36	195.30	191.60	207.90	175.29	191.05	195.04
% CHG SAME QTR LAST YR........	8.37	8.74	9.13	7.89	9.21	9.89	8.97	0.45	2.77	0.76	4.22	8.96	8.99	2.09
FURNITURE AND FIXTURES..........	184.41	191.68	205.73	204.34	214.16	216.33	222.48	208.68	222.01	228.02	235.49	190.02	214.33	223.55
% CHG SAME QTR LAST YR........	10.40	11.52	14.22	14.63	16.13	12.86	8.14	2.13	3.66	5.40	5.85	11.47	12.79	4.30
STONE, CLAY AND GLASS...........	318.98	317.25	361.31	341.48	362.66	362.80	362.50	349.42	375.71	368.27	368.56	328.63	357.36	365.49
% CHG SAME QTR LAST YR........	8.18	7.98	20.42	7.73	13.69	14.36	0.33	2.32	3.60	1.51	1.67	10.59	8.74	2.28
PRIMARY METALS..................	347.86	344.11	366.88	360.69	379.49	401.08	380.57	384.88	402.53	413.79	413.54	347.67	380.46	403.68
% CHG SAME QTR LAST YR........	8.16	3.42	9.23	8.69	9.09	16.56	3.73	6.71	6.07	3.17	8.66	6.51	9.43	6.10
FABRICATED METALS...............	259.55	254.88	290.32	288.03	297.56	296.75	292.79	285.85	304.51	313.10	327.41	264.09	293.78	307.72
% CHG SAME QTR LAST YR........	10.20	5.20	13.64	14.48	14.65	16.43	0.85	-0.76	2.33	5.51	11.82	9.55	11.24	4.74
MACHINERY.......................	234.96	244.18	258.88	272.80	277.47	271.87	273.08	265.88	270.62	273.09	282.50	243.08	273.81	273.02
% CHG SAME QTR LAST YR........	8.81	7.20	10.07	16.44	18.10	11.34	5.49	-2.54	-2.47	0.45	3.45	8.21	12.64	-0.29
INSTRUMENTS.....................	211.46	211.01	219.77	230.57	225.81	228.67	232.67	248.03	251.35	250.47	263.38	213.31	229.43	253.31
% CHG SAME QTR LAST YR........	16.09	13.75	9.20	9.27	6.79	8.37	5.87	7.57	11.31	9.53	13.20	12.83	7.56	10.41

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 29: TENNESSEE AVERAGE WEEKLY EARNINGS, SELECTED NONDURABLE GOODS MANUFACTURING PRODUCTION WORKERS (CURRENT DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONDURABLE GOODS..........	227.55	235.01	245.07	248.80	256.25	260.48	265.63	252.13	265.44	269.15	275.39	233.09	257.79	265.53
% CHG SAME QTR LAST YR........	9.87	9.09	10.49	10.71	12.61	10.84	8.39	1.34	3.59	3.33	3.67	9.77	10.59	3.00
FOOD............................	247.62	258.04	258.24	255.67	272.78	285.88	287.55	285.37	297.87	290.72	288.29	251.34	275.47	290.56
% CHG SAME QTR LAST YR........	9.02	7.81	7.67	5.88	10.16	10.79	11.35	11.62	9.20	1.69	0.26	8.67	9.60	5.48
TEXTILES........................	194.08	195.19	207.05	204.59	205.84	213.84	219.83	201.18	217.40	213.86	226.01	196.86	211.03	214.61
% CHG SAME QTR LAST YR........	14.81	9.74	12.44	7.05	6.06	9.55	6.17	-1.67	5.61	0.01	2.81	12.59	7.20	1.70
APPAREL.........................	159.09	158.22	166.30	168.56	170.45	169.43	172.65	157.80	170.87	175.11	178.36	160.24	170.27	170.54
% CHG SAME QTR LAST YR........	9.75	6.50	8.76	7.12	7.14	7.09	3.82	-6.39	0.25	3.35	3.31	8.68	6.26	0.15
PAPER...........................	299.14	311.82	330.06	343.88	358.69	354.85	372.52	364.73	361.46	376.10	406.03	310.52	357.49	377.08
% CHG SAME QTR LAST YR........	12.44	11.16	13.60	14.23	19.91	13.80	12.87	6.07	0.77	5.99	8.99	12.34	15.13	5.48
CHEMICALS.......................	323.67	334.02	343.87	345.83	355.09	371.45	370.32	359.83	373.89	383.62	388.38	329.83	360.67	376.43
% CHG SAME QTR LAST YR........	8.20	10.59	10.49	8.83	9.71	11.21	7.69	4.05	5.29	3.28	4.88	10.43	9.35	4.37
RUBBER..........................	257.32	278.71	294.03	280.70	292.26	294.27	306.93	305.24	309.93	312.83	336.20	269.49	293.54	316.05
% CHG SAME QTR LAST YR........	9.58	11.36	10.46	13.24	13.58	5.58	4.39	8.74	6.05	6.31	9.53	9.02	8.92	7.67
LEATHER.........................	178.95	181.38	200.46	204.59	204.58	196.37	197.57	175.77	193.68	198.77	204.05	185.68	200.78	193.07
% CHG SAME QTR LAST YR........	10.58	5.29	10.82	12.46	14.32	8.27	-1.44	-14.09	-5.33	1.22	3.28	9.22	8.13	-3.84

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 30: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY RATE (1972 DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONAGRICULTURAL..........	7155.	7199.	7169.	7348.	7202.	7205.	7095.	7306.	7280.	7309.	7277.	7212.	7212.	7293.
% CHG SAME QTR LAST YR........	-0.13	0.10	-0.02	0.33	0.65	0.09	-1.04	-0.57	1.09	1.44	2.57	-0.38	0.01	1.12
MINING..........................	9372.	9288.	9502.	9915.	9339.	9638.	9716.	10165.	9327.	9193.	9032.	9530.	9652.	9429.
% CHG SAME QTR LAST YR........	-0.32	1.97	-2.77	-0.45	-0.35	3.78	2.26	2.52	-0.13	-4.63	-7.04	-0.44	1.28	-2.31
CONSTRUCTION....................	7496.	7125.	7350.	8744.	7552.	7299.	7560.	9198.	8233.	7968.	8431.	7604.	7789.	8458.
% CHG SAME QTR LAST YR........	1.20	2.35	0.91	3.55	0.74	2.44	2.85	5.19	9.02	9.16	11.53	-0.03	2.43	8.59
MANUFACTURING...................	7674.	7810.	7820.	7921.	7811.	7767.	7675.	7779.	7919.	7969.	7982.	7771.	7793.	7912.
% CHG SAME QTR LAST YR........	-0.84	0.49	0.40	1.81	1.80	-0.54	-1.86	-1.79	1.38	2.60	4.01	-0.47	0.29	1.52
DURABLE GOODS...................	7711.	7980.	7981.	8093.	7985.	7925.	7827.	7894.	8155.	8331.	8278.	7870.	7958.	8164.
% CHG SAME QTR LAST YR........	-1.71	0.78	2.13	3.66	3.55	-0.69	-1.93	-2.47	2.13	5.12	5.76	-0.58	1.11	2.60
NONDURABLE GOODS................	7644.	7680.	7691.	7783.	7672.	7640.	7555.	7690.	7737.	7696.	7761.	7693.	7662.	7721.
% CHG SAME QTR LAST YR........	-0.06	0.44	-0.96	0.34	0.37	-0.52	-1.77	-1.19	0.85	0.73	2.73	-0.30	-0.40	0.77
TRADE...........................	5795.	5793.	5684.	5934.	5754.	5744.	5604.	5827.	5909.	5882.	5750.	5802.	5759.	5842.
% CHG SAME QTR LAST YR........	-1.09	-0.38	0.18	-0.01	-0.71	-0.84	-1.41	-1.80	2.69	2.40	2.60	-0.86	-0.74	1.44
SERVICES........................	6179.	6215.	6362.	6481.	6381.	6298.	6362.	6620.	6351.	6368.	6494.	6327.	6381.	6458.
% CHG SAME QTR LAST YR........	1.74	0.76	2.52	-1.12	3.28	1.33	0.00	2.14	-0.47	1.11	2.07	1.97	0.84	1.22
FIN, INS, REAL EST..............	7797.	7622.	7787.	7784.	7618.	7606.	7789.	7580.	7724.	7767.	7988.	7717.	7699.	7765.
% CHG SAME QTR LAST YR........	1.34	-0.54	0.44	1.57	-2.29	-0.21	0.02	-2.61	1.39	2.12	2.56	-0.24	-0.24	0.85
TRANS, COMM, PUB UTIL...........	10293.	10169.	10387.	10639.	10643.	10392.	10212.	10535.	10527.	10318.	10260.	10373.	10471.	10410.
% CHG SAME QTR LAST YR........	0.83	-3.30	-1.85	-0.04	3.39	2.19	-1.69	-0.98	-1.08	-0.71	0.48	-1.24	0.94	-0.58
GOVERNMENT......................	7671.	7920.	7533.	7520.	7541.	7906.	7476.	7547.	7626.	7899.	7573.	7676.	7611.	7661.
% CHG SAME QTR LAST YR........	-0.20	0.99	-2.23	-0.79	-1.70	-0.18	-0.76	0.36	1.13	-0.09	1.30	-0.96	-0.85	0.67
FEDERAL, CIVILIAN...............	10772.	10638.	11159.	11233.	10930.	10997.	11251.	11343.	11103.	11000.	11333.	11028.	11103.	11195.
% CHG SAME QTR LAST YR........	-5.21	-3.26	-2.40	-2.70	1.47	3.38	0.82	0.97	1.58	0.02	0.73	-3.63	0.68	0.82
STATE AND LOCAL.................	6669.	6993.	6399.	6380.	6444.	6856.	6345.	6442.	6637.	6992.	6567.	6612.	6506.	6660.
% CHG SAME QTR LAST YR........	1.89	2.42	-2.89	-0.11	-3.39	-1.95	-0.84	0.97	3.01	1.98	3.50	-0.05	-1.60	2.36

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 31: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY RATE (1972 SEASONALLY ADJUSTED DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONAGRICULTURAL...........	7197.	7221.	7218.	7234.	7242.	7226.	7142.	7196.	7321.	7329.	7326.	7210.	7211.	7293.
% CHG PREV QTR SAAR...........	-0.39	1.38	-0.18	0.89	0.46	-0.89	-4.59	3.04	7.14	0.43	-0.14	-0.38	0.02	1.13
% CHG SAME QTR LAST YR........	-0.12	0.04	-0.05	0.42	0.63	0.07	-1.06	-0.53	1.08	1.42	2.58	-0.38	0.02	1.13
MINING..........................	9325.	9562.	9645.	9546.	9245.	9933.	9894.	9797.	9189.	9483.	9217.	9529.	9654.	9421.
% CHG PREV QTR SAAR...........	-10.33	10.56	3.52	-4.07	-12.00	33.23	-1.56	-3.86	-22.61	13.46	-10.78	-0.44	1.32	-2.41
% CHG SAME QTR LAST YR........	-0.98	2.20	-2.46	-0.39	-0.86	3.87	2.58	2.63	-0.61	-4.52	-6.84	-0.44	1.32	-2.41
CONSTRUCTION....................	7631.	7594.	7517.	7852.	7656.	7764.	7727.	8316.	8315.	8468.	8616.	7565.	7750.	8429.
% CHG PREV QTR SAAR...........	6.16	-1.92	-3.96	19.01	-9.59	5.73	-1.86	34.12	-0.04	7.60	7.13	0.14	2.44	8.76
% CHG SAME QTR LAST YR........	0.98	2.11	0.74	4.45	0.34	2.24	2.79	5.91	8.60	9.08	11.50	0.14	2.44	8.76
MANUFACTURING...................	7706.	7840.	7818.	7861.	7842.	7796.	7674.	7720.	7949.	8001.	7984.	7770.	7793.	7914.
% CHG PREV QTR SAAR...........	-0.58	7.15	-1.11	2.19	-0.92	-2.33	-6.13	2.43	12.37	2.68	-0.85	-0.46	0.30	1.54
% CHG SAME QTR LAST YR........	-0.84	0.49	0.39	1.86	1.78	-0.55	-1.84	-1.79	1.35	2.63	4.04	-0.46	0.30	1.54
DURABLE GOODS...................	7762.	7978.	7991.	8033.	8036.	7924.	7834.	7834.	8208.	8335.	8287.	7869.	7957.	8166.
% CHG PREV QTR SAAR...........	1.01	11.60	0.65	2.11	0.15	-5.45	-4.46	0.00	20.46	6.33	-2.26	-0.58	1.12	2.63
% CHG SAME QTR LAST YR........	-1.74	0.76	2.10	3.75	3.53	-0.68	-1.96	-2.47	2.14	5.18	5.78	-0.58	1.12	2.63
NONDURABLE GOODS................	7660.	7734.	7681.	7723.	7687.	7693.	7548.	7632.	7750.	7749.	7758.	7693.	7663.	7722.
% CHG PREV QTR SAAR...........	-1.79	3.90	-2.71	2.23	-1.86	0.30	-7.30	4.49	6.34	-0.08	0.46	-0.29	-0.38	0.77
% CHG SAME QTR LAST YR........	-0.01	0.41	-0.95	0.37	0.35	-0.53	-1.72	-1.18	0.82	0.72	2.77	-0.29	-0.38	0.77
TRADE...........................	5783.	5825.	5793.	5804.	5738.	5776.	5709.	5702.	5891.	5915.	5857.	5800.	5757.	5841.
% CHG PREV QTR SAAR...........	-1.17	2.95	-2.17	0.74	-4.42	2.64	-4.53	-0.50	13.92	1.63	-3.88	-0.85	-0.74	1.47
% CHG SAME QTR LAST YR........	-1.13	-0.39	0.15	0.07	-0.76	-0.84	-1.44	-1.75	2.66	2.41	2.58	-0.85	-0.74	1.47
SERVICES........................	6261.	6330.	6334.	6300.	6470.	6416.	6332.	6434.	6441.	6487.	6462.	6326.	6379.	6456.
% CHG PREV QTR SAAR...........	-7.13	4.46	0.24	-2.12	11.27	-3.30	-5.16	6.62	0.45	2.90	-1.53	1.95	0.85	1.20
% CHG SAME QTR LAST YR........	1.77	0.81	2.53	-1.23	3.34	1.36	-0.03	2.13	-0.45	1.11	2.07	1.95	0.85	1.20
FIN, INS AND REAL EST...........	7828.	7704.	7750.	7707.	7651.	7682.	7753.	7508.	7757.	7842.	7952.	7716.	7698.	7765.
% CHG PREV QTR SAAR...........	13.61	-6.21	2.44	-2.23	-2.90	1.63	3.79	-12.05	13.92	4.44	5.74	-0.24	-0.24	0.87
% CHG SAME QTR LAST YR........	1.37	-0.65	0.44	1.64	-2.27	-0.29	0.04	-2.58	1.39	2.09	2.56	-0.24	-0.24	0.87
TRANS, COMM AND PUB UTIL........	10300.	10246.	10501.	10435.	10653.	10465.	10325.	10334.	10540.	10387.	10374.	10372.	10469.	10409.
% CHG PREV QTR SAAR...........	-5.29	-2.11	10.33	-2.49	8.64	-6.87	-5.26	0.37	8.19	-5.65	-0.51	-1.25	0.94	-0.58
% CHG SAME QTR LAST YR........	0.83	-3.36	-1.79	-0.06	3.42	2.14	-1.68	-0.96	-1.07	-0.74	0.48	-1.25	0.94	-0.58
GOVERNMENT......................	7747.	7647.	7617.	7622.	7622.	7620.	7562.	7656.	7710.	7595.	7666.	7672.	7607.	7657.
% CHG PREV QTR SAAR...........	3.74	-5.11	-1.52	0.26	-0.01	-0.08	-3.04	5.09	2.84	-5.83	3.76	-0.97	-0.85	0.66
% CHG SAME QTR LAST YR........	-0.10	0.85	-2.26	-0.71	-1.62	-0.34	-0.73	0.45	1.16	-0.33	1.37	-0.97	-0.85	0.66
FEDERAL, CIVILIAN...............	10914.	10770.	11035.	11073.	11089.	11107.	11130.	11194.	11264.	11096.	11217.	11020.	11100.	11193.
% CHG PREV QTR SAAR...........	-14.87	-5.19	10.24	1.35	0.57	0.67	0.81	2.33	2.53	-5.85	4.44	-3.63	0.72	0.84
% CHG SAME QTR LAST YR........	-5.02	-3.42	-2.52	-2.55	1.60	3.13	0.85	1.10	1.58	-0.10	0.78	-3.63	0.72	0.84
STATE AND LOCAL.................	6729.	6645.	6516.	6523.	6506.	6508.	6462.	6589.	6704.	6633.	6688.	6604.	6500.	6653.
% CHG PREV QTR SAAR...........	13.12	-4.89	-7.55	0.39	-1.05	0.14	-2.79	8.07	7.20	-4.21	3.41	-0.09	-1.58	2.37
% CHG SAME QTR LAST YR........	1.95	2.20	-2.87	-0.04	-3.33	-2.07	-0.83	1.01	3.05	1.92	3.50	-0.09	-1.58	2.37

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 32: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY RATE (CURRENT DOLLARS)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
TOTAL NONAGRICULTURAL...........	12658.	13037.	13285.	13894.	13849.	14115.	14133.	14736.	14823.	15122.	15210.	12907.	13998.	14973.
% CHG SAME QTR LAST YR........	10.06	10.42	10.20	9.86	9.41	8.27	6.38	6.06	7.03	7.13	7.62	9.78	8.45	6.96
MINING...........................	16579.	16820.	17607.	18750.	17958.	18882.	19355.	20504.	18990.	19020.	18878.	17052.	18736.	19348.
% CHG SAME QTR LAST YR........	9.85	12.48	7.17	9.00	8.32	12.26	9.93	9.35	5.74	0.73	-2.47	9.68	9.88	3.26
CONSTRUCTION.....................	13261.	12904.	13620.	16536.	14522.	14299.	15059.	18553.	16762.	16485.	17621.	13592.	15104.	17355.
% CHG SAME QTR LAST YR........	11.53	12.90	11.23	13.39	9.51	10.81	10.57	12.20	15.43	15.29	17.01	10.19	11.12	14.91
MANUFACTURING....................	13575.	14143.	14490.	14978.	15021.	15216.	15288.	15690.	16123.	16488.	16683.	13911.	15126.	16246.
% CHG SAME QTR LAST YR........	9.27	10.85	10.67	11.48	10.66	7.59	5.51	4.76	7.33	8.36	9.13	9.69	8.73	7.41
DURABLE GOODS....................	13640.	14452.	14790.	15305.	15355.	15525.	15591.	15921.	16604.	17236.	17300.	14091.	15444.	16765.
% CHG SAME QTR LAST YR........	8.32	11.17	12.57	13.50	12.57	7.43	5.42	4.03	8.13	11.02	10.96	9.61	9.60	8.56
NONDURABLE GOODS.................	13522.	13908.	14252.	14718.	14753.	14967.	15050.	15512.	15753.	15923.	16220.	13770.	14872.	15852.
% CHG SAME QTR LAST YR........	10.14	10.79	9.16	9.87	9.10	7.61	5.60	5.39	6.78	6.39	7.78	9.85	8.00	6.59
TRADE............................	10252.	10491.	10533.	11221.	11065.	11253.	11163.	11753.	12030.	12169.	12017.	10381.	11175.	11992.
% CHG SAME QTR LAST YR........	9.00	9.89	10.42	9.48	7.93	7.26	5.99	4.74	8.72	8.15	7.65	9.26	7.65	7.31
SERVICES.........................	10930.	11255.	11789.	12255.	12271.	12338.	12673.	13352.	12931.	13175.	13572.	11323.	12384.	13258.
% CHG SAME QTR LAST YR........	12.12	11.15	13.00	8.27	12.27	9.62	7.50	8.95	5.38	6.79	7.09	12.35	9.37	7.05
FIN, INS, REAL EST...............	13792.	13804.	14429.	14719.	14649.	14901.	15515.	15290.	15726.	16071.	16695.	13815.	14946.	15945.
% CHG SAME QTR LAST YR........	11.68	9.71	10.71	11.21	6.21	7.95	7.52	3.88	7.35	7.85	7.60	9.94	8.19	6.69
TRANS, COMM, PUB UTIL............	18209.	18416.	19247.	20118.	20466.	20358.	20342.	21248.	21434.	21348.	21444.	18563.	20321.	21368.
% CHG SAME QTR LAST YR........	11.12	6.67	8.19	9.45	12.39	10.54	5.69	5.62	4.73	4.86	5.42	8.79	9.47	5.16
GOVERNMENT.......................	13570.	14344.	13958.	14221.	14501.	15488.	14891.	15223.	15527.	16343.	15827.	13741.	14775.	15730.
% CHG SAME QTR LAST YR........	9.99	11.40	7.77	8.63	6.86	7.98	6.69	7.05	7.08	5.52	6.28	9.14	7.53	6.46
FEDERAL, CIVILIAN................	19056.	19265.	20678.	21242.	21019.	21544.	22412.	22878.	22606.	22758.	23686.	19734.	21554.	22982.
% CHG SAME QTR LAST YR........	4.47	6.71	7.58	6.54	10.30	11.83	8.39	7.70	7.55	5.64	5.68	6.21	9.22	6.62
STATE AND LOCAL..................	11798.	12664.	11856.	12064.	12391.	13432.	12639.	12993.	13514.	14467.	13725.	11837.	12631.	13675.
% CHG SAME QTR LAST YR........	12.28	12.98	7.04	9.38	5.02	6.07	6.60	7.70	9.06	7.71	8.59	10.13	6.71	8.26

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 33: TENNESSEE CIVILIAN LABOR FORCE AND UNEMPLOYMENT RATE

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
CIVILIAN LABOR FORCE (THOUS)....	2091.	2099.	2108.	2084.	2127.	2125.	2140.	2111.	2144.	2140.	2128.	2083.	2119.	2131.
% CHG SAME QTR LAST YR........	2.23	1.51	1.74	2.41	1.73	1.26	1.53	1.31	0.80	0.71	-0.54	1.96	1.73	0.57
EMPLOYED PERSONS................	1946.	1936.	1946.	1881.	1940.	1946.	1937.	1853.	1900.	1890.	1873.	1931.	1926.	1879.
% CHG SAME QTR LAST YR........	0.62	-0.72	-0.47	-0.78	-0.34	0.51	-0.44	-1.51	-2.04	-2.85	-3.33	0.36	-0.26	-2.44
UNEMPLOYED PERSONS..............	144.	163.	162.	203.	187.	179.	203.	259.	244.	250.	256.	152.	193.	252.
% CHG SAME QTR LAST YR........	30.46	38.62	38.72	45.91	29.66	10.16	25.21	27.49	30.24	39.39	26.17	27.73	26.97	30.57
PARTICIPATION RATE..............	0.606	0.606	0.607	0.598	0.609	0.607	0.609	0.599	0.607	0.604	0.599	0.603	0.606	0.602
% CHG SAME QTR LAST YR........	-0.15	-0.75	-0.25	0.74	0.41	0.11	0.39	0.17	-0.34	-0.44	-1.71	-0.28	0.41	-0.58
UNEMPLOYMENT RATE (PERCENT).....	6.9	7.8	7.7	9.7	8.8	8.4	9.5	12.2	11.4	11.7	12.0	7.3	9.1	11.8

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

QUARTERLY TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF OCTOBER 1983

TABLE 34: TENNESSEE CIVILIAN LABOR FORCE AND UNEMPLOYMENT RATE (SEASONALLY ADJUSTED)

	HISTORICAL-DATA											ANNUAL		
	1980.2	1980.3	1980.4	1981.1	1981.2	1981.3	1981.4	1982.1	1982.2	1982.3	1982.4	1980	1981	1982
CIVILIAN LABOR FORCE (THOUS)....	2083.	2082.	2101.	2113.	2119.	2111.	2135.	2135.	2137.	2130.	2126.	2084.	2120.	2132.
% CHG PREV QTR SAAR...........	2.52	-0.16	3.58	2.38	1.16	-1.52	4.53	-0.01	0.42	-1.30	-0.68	2.02	1.70	0.58
% CHG SAME QTR LAST YR........	2.25	1.68	1.82	2.07	1.73	1.38	1.61	1.02	0.83	0.89	-0.39	2.02	1.70	0.58
EMPLOYED PERSONS................	1934.	1917.	1929.	1929.	1927.	1928.	1920.	1900.	1888.	1873.	1856.	1931.	1926.	1879.
% CHG PREV QTR SAAR...........	-2.21	-3.57	2.59	0.10	-0.50	0.14	-1.54	-4.18	-2.57	-2.99	-3.60	0.38	-0.26	-2.43
% CHG SAME QTR LAST YR........	0.59	-0.63	-0.51	-0.80	-0.37	0.58	-0.45	-1.53	-2.05	-2.82	-3.33	0.38	-0.26	-2.43
UNEMPLOYED PERSONS..............	149.	166.	172.	184.	192.	183.	214.	235.	249.	257.	270.	153.	193.	253.
% CHG PREV QTR SAAR...........	******	52.79	15.52	30.68	19.85	-17.04	86.72	43.66	27.21	12.22	22.68	28.51	26.45	30.63
% CHG SAME QTR LAST YR........	30.05	39.09	38.10	46.60	28.94	10.69	24.80	27.79	29.71	39.89	25.94	28.51	26.45	30.63
PARTICIPATION RATE..............	0.604	0.601	0.605	0.607	0.607	0.603	0.608	0.606	0.605	0.601	0.598	0.604	0.606	0.603
% CHG PREV QTR SAAR...........	-0.05	-1.94	2.43	1.20	0.01	-2.64	3.41	-1.14	-0.77	-2.46	-1.90	-0.22	0.38	-0.57
% CHG SAME QTR LAST YR........	-0.14	-0.59	-0.17	0.40	0.41	0.23	0.47	-0.12	-0.31	-0.27	-1.57	-0.22	0.38	-0.57
UNEMPLOYMENT RATE (PERCENT).....	7.2	8.0	8.2	8.7	9.1	8.7	10.0	11.0	11.7	12.0	12.7	7.3	9.1	11.9

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

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ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 1: TENNESSEE SELECTED INDICATORS

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TN GROSS STATE PRODUCT (MIL. DOL.)...	23893.	26011.	27139.	30609.	34885.	39629.	43629.	46078.	51410.	52384.
PERCENTAGE CHANGE..................	13.91	8.86	4.34	12.79	13.97	13.50	10.09	5.61	11.57	1.89
TN GROSS STATE PRODUCT (MIL 72 $)....	22877.5	22937.8	21734.1	23393.4	25056.9	26600.8	27361.6	26491.4	27172.8	26038.0
PERCENTAGE CHANGE..................	9.06	0.26	-5.25	7.63	7.11	6.16	2.86	-3.18	2.57	-4.18
US GROSS NATIONAL PRODUCT (BIL 72 $).	1255.0	1248.0	1233.9	1298.2	1369.7	1438.6	1479.4	1475.0	1513.8	1485.4
PERCENTAGE CHANGE..................	5.83	-0.56	-1.13	5.21	5.51	5.03	2.84	-0.30	2.63	-1.88
TN PERSONAL INCOME (MIL. DOL.).......	17011.	18793.	20304.	22672.	25156.	28542.	31979.	35212.	39377.	41420.
PERCENTAGE CHANGE..................	13.55	10.47	8.04	11.66	10.95	13.46	12.04	10.11	11.83	5.19
TN PERSONAL INCOME (MIL 72 $)........	16093.8	16158.9	16216.9	17210.9	18052.6	19145.8	19682.0	19671.4	20287.1	20175.4
PERCENTAGE CHANGE..................	7.43	0.40	0.36	6.13	4.89	6.06	2.80	-0.05	3.13	-0.55
US PERSONAL INCOME (BIL 72 $)........	1007.7	1004.8	1010.4	1056.1	1105.5	1162.3	1200.9	1209.7	1254.5	1256.0
PERCENTAGE CHANGE..................	5.93	-0.29	0.55	4.53	4.67	5.14	3.32	0.73	3.71	0.12
TN EMPLOYED PERSONS (THOUS)..........	1700.0	1752.0	1686.0	1757.0	1822.0	1856.0	1924.0	1931.0	1926.0	1879.0
PERCENTAGE CHANGE..................	1.43	3.06	-3.77	4.21	3.70	1.87	3.66	0.36	-0.26	-2.44
US EMPLOYED PERSONS (MIL)............	85.1	86.8	85.8	88.8	92.0	96.0	98.8	99.3	100.4	99.5
PERCENTAGE CHANGE..................	3.54	2.03	-1.09	3.39	3.68	4.38	2.89	0.48	1.10	-0.87
TN UNEMPLOYMENT RATE.................	3.9	5.1	8.3	6.0	6.3	5.8	5.8	7.3	9.1	11.8
US UNEMPLOYMENT RATE.................	4.9	5.6	8.5	7.7	7.1	6.1	5.8	7.1	7.6	9.7
IMPLICIT DEFLATOR, GSP...............	104.4	113.4	124.9	130.8	139.2	149.0	159.5	173.9	189.2	201.2
PERCENTAGE CHANGE..................	4.44	8.58	10.12	4.79	6.40	7.01	7.03	9.08	8.77	6.33
IMPLICIT DEFLATOR, GNP...............	105.7	114.9	125.6	132.3	140.1	150.4	163.4	178.4	195.1	206.9
PERCENTAGE CHANGE..................	5.69	8.73	9.26	5.40	5.83	7.40	8.64	9.18	9.37	6.02
TN MFG OUTPUT / EMPLOYEE (THOUS 72 $)	16.9	17.1	16.5	17.3	18.5	18.8	19.3	19.2	19.8	19.7
PERCENTAGE CHANGE..................	7.90	1.42	-3.72	4.81	6.75	1.58	2.98	-0.56	3.00	-0.42
US MFG OUTPUT / EMPLOYEE (THOUS 72 $)	16.1	15.5	15.8	16.7	17.2	17.4	17.4	17.3	17.9	17.8
PERCENTAGE CHANGE..................	5.68	-3.82	1.82	5.71	3.14	1.10	0.12	-0.72	3.39	-0.42
TN PER CAPITA INCOME ($).............	4111.	4473.	4765.	5237.	5715.	6397.	7054.	7662.	8516.	8906.
PERCENTAGE CHANGE..................	12.20	8.81	6.53	9.91	9.13	11.93	10.27	8.62	11.15	4.58
TN POPULATION (THOUS.)...............	4138.	4202.	4261.	4329.	4402.	4462.	4533.	4602.	4624.	4651.
PERCENTAGE CHANGE..................	1.22	1.55	1.40	1.60	1.69	1.36	1.59	1.52	0.48	0.58

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 2: TENNESSEE GROSS STATE PRODUCT BY SECTOR (MILLIONS OF DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
GROSS STATE PRODUCT..................	23893.	26011.	27139.	30609.	34885.	39629.	43629.	46078.	51410.	52384.
PERCENTAGE CHANGE.............	13.91	8.86	4.34	12.79	13.97	13.60	10.09	5.61	11.57	1.89
MANUFACTURING......................	8772.	9564.	9289.	10724.	12663.	14046.	15152.	15593.	17593.	17028.
PERCENTAGE CHANGE.............	14.50	9.02	-2.87	15.44	18.09	10.92	7.88	2.91	12.83	-3.21
DURABLE GOODS....................	3857.	4192.	3763.	4653.	5500.	6324.	6872.	6817.	7721.	7218.
PERCENTAGE CHANGE.............	15.69	8.70	-10.24	23.67	18.18	14.98	8.67	-0.80	13.27	-6.52
NONDURABLE GOODS.................	4916.	5372.	5527.	6070.	7164.	7722.	8281.	8777.	9872.	9810.
PERCENTAGE CHANGE.............	13.58	9.27	2.89	9.84	18.01	7.80	7.23	5.99	12.48	-0.63
CONSTRUCTION........................	1095.	1184.	1196.	1266.	1408.	1680.	1852.	1807.	1849.	1878.
PERCENTAGE CHANGE.............	15.51	8.20	0.94	5.92	11.17	19.31	10.24	-2.44	2.34	1.55
MINING.............................	162.	249.	309.	266.	337.	396.	432.	552.	665.	585.
PERCENTAGE CHANGE.............	9.12	53.27	24.34	-14.01	26.62	17.61	9.26	27.63	20.44	-11.98
TRADE..............................	3814.	4122.	4541.	5069.	5582.	6300.	6972.	7272.	7956.	8297.
PERCENTAGE CHANGE.............	12.50	8.07	10.16	11.64	10.12	12.86	10.67	4.31	9.41	4.28
SERVICES...........................	2368.	2568.	2841.	3194.	3503.	4027.	4624.	5164.	5860.	6539.
PERCENTAGE CHANGE.............	14.03	8.43	10.62	12.43	9.67	14.99	14.81	11.67	13.47	11.59
FINANCE, INSURANCE AND REAL ESTATE.	2779.	3052.	3248.	3605.	4089.	4654.	5224.	5561.	6222.	6819.
PERCENTAGE CHANGE.............	13.56	9.84	6.40	11.01	13.42	13.81	12.26	6.44	11.89	9.60
TRANS., COMM. AND PUBLIC UTIL......	1672.	1841.	1986.	2299.	2640.	3072.	3349.	3666.	4137.	4287.
PERCENTAGE CHANGE.............	12.60	10.11	7.87	15.77	14.83	16.37	9.02	9.45	12.85	3.63
GOVERNMENT.........................	2504.	2789.	3139.	3451.	3961.	4568.	5011.	5551.	5975.	6059.
PERCENTAGE CHANGE.............	9.72	11.36	12.55	9.95	14.80	15.32	9.71	10.77	7.64	1.40
FEDERAL..........................	930.	1036.	1170.	1302.	1497.	1774.	1935.	2157.	2370.	2296.
PERCENTAGE CHANGE.............	4.99	11.33	12.97	11.29	15.00	18.51	9.04	11.49	9.90	-3.13
STATE AND LOCAL..................	1574.	1753.	1969.	2149.	2464.	2794.	3077.	3395.	3605.	3763.
PERCENTAGE CHANGE.............	12.72	11.37	12.30	9.15	14.67	13.38	10.13	10.33	6.20	4.38
AGRICULTURE........................	727.	643.	592.	735.	703.	887.	1012.	912.	1154.	893.
PERCENTAGE CHANGE.............	35.42	-11.59	-7.93	24.26	-4.42	26.18	14.12	-9.86	26.43	-22.60
PER CAPITA GROSS STATE PRODUCT ($)...	5774.	6190.	6369.	7071.	7925.	8882.	9625.	10013.	11118.	11263.
PERCENTAGE CHANGE.............	12.53	7.20	2.89	11.01	12.08	12.07	8.37	4.03	11.04	1.30

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 3: TENNESSEE DURABLE GOODS MANUFACTURING GROSS PRODUCT (MILLIONS OF DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL DURABLE GOODS	3857.	4192.	3763.	4653.	5500.	6324.	6872.	6817.	7721.	7218.
PERCENTAGE CHANGE	15.69	8.70	-10.24	23.67	18.18	14.98	8.67	-0.80	13.27	-6.52
LUMBER AND WOOD PRODUCTS	222.	181.	152.	217.	262.	294.	337.	308.	283.	274.
PERCENTAGE CHANGE	13.19	-18.59	-15.98	43.03	20.33	12.39	14.60	-8.54	-8.01	-3.46
FURNITURE AND FIXTURES	306.	292.	264.	327.	381.	407.	406.	388.	436.	437.
PERCENTAGE CHANGE	6.70	-4.48	-9.70	24.20	16.43	6.87	-0.28	-4.41	12.33	0.17
STONE, CLAY AND GLASS	401.	407.	371.	450.	447.	629.	624.	566.	593.	530.
PERCENTAGE CHANGE	12.09	1.30	-8.76	21.25	-0.69	40.82	-0.72	-9.31	4.72	-10.65
PRIMARY METALS	390.	512.	383.	451.	525.	572.	647.	669.	752.	582.
PERCENTAGE CHANGE	44.29	31.21	-25.31	17.83	16.55	8.95	13.09	3.43	12.37	-22.60
FABRICATED METAL PRODUCTS	533.	576.	636.	705.	833.	922.	1032.	1063.	1145.	1083.
PERCENTAGE CHANGE	18.97	7.97	10.46	10.89	18.17	10.65	12.02	2.99	7.70	-5.48
NONELECTRICAL MACHINERY	690.	817.	715.	882.	1119.	1195.	1355.	1403.	1576.	1436.
PERCENTAGE CHANGE	33.12	18.38	-12.41	23.34	26.82	6.86	13.32	3.59	12.29	-8.85
ELECTRICAL MACHINERY	727.	638.	613.	776.	954.	1144.	1251.	1312.	1529.	1396.
PERCENTAGE CHANGE	4.98	-12.27	-3.87	26.55	23.02	19.91	9.38	4.86	16.53	-8.67
TRANSPORTATION EQUIPMENT	383.	522.	344.	525.	687.	823.	859.	742.	964.	980.
PERCENTAGE CHANGE	0.84	36.16	-34.09	52.66	30.86	19.84	4.37	-13.64	29.95	1.66
OTHER DURABLE GOODS	205.	250.	286.	321.	293.	337.	360.	364.	443.	500.
PERCENTAGE CHANGE	11.12	21.92	14.66	12.12	-8.85	15.24	6.71	1.24	21.49	13.04

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 4: TENNESSEE NONDURABLE GOODS MANUFACTURING GROSS PRODUCT (MILLIONS OF DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL NONDURABLE GOODS	4916.	5372.	5527.	6070.	7164.	7722.	8281.	8777.	9872.	9810.
PERCENTAGE CHANGE	13.58	9.27	2.89	9.84	18.01	7.80	7.23	5.99	12.48	-0.63
FOOD	796.	925.	983.	1118.	1280.	1410.	1486.	1597.	1810.	1881.
PERCENTAGE CHANGE	15.37	16.19	6.28	13.72	14.46	10.15	5.38	7.50	13.33	3.93
TEXTILES	373.	383.	346.	369.	427.	436.	445.	462.	507.	491.
PERCENTAGE CHANGE	9.79	2.63	-9.66	6.67	15.52	2.20	2.16	3.74	9.81	-3.14
APPAREL	646.	637.	653.	819.	919.	932.	981.	1059.	1155.	1116.
PERCENTAGE CHANGE	9.57	-1.41	2.61	25.35	12.25	1.45	5.19	8.01	9.07	-3.38
PAPER	432.	503.	467.	549.	618.	651.	736.	770.	849.	847.
PERCENTAGE CHANGE	19.81	16.35	-7.27	17.73	12.60	5.34	12.91	4.73	10.25	-0.31
PRINTING AND PUBLISHING	332.	391.	418.	419.	510.	586.	640.	690.	776.	840.
PERCENTAGE CHANGE	20.99	17.65	6.96	0.19	21.76	14.87	9.38	7.75	12.48	8.20
CHEMICALS	1569.	1709.	1827.	1919.	2276.	2434.	2605.	2768.	3135.	3192.
PERCENTAGE CHANGE	12.36	8.94	6.94	5.02	18.59	6.94	7.02	6.28	13.26	1.82
RUBBER AND PLASTICS	481.	488.	472.	491.	681.	789.	849.	786.	931.	893.
PERCENTAGE CHANGE	16.18	1.43	-3.36	4.03	38.82	15.88	7.54	-7.42	18.52	-4.13
OTHER NONDURABLE GOODS	287.	336.	361.	387.	453.	484.	540.	644.	708.	550.
PERCENTAGE CHANGE	8.81	17.35	7.35	7.18	17.19	6.82	11.45	19.33	9.90	-22.31

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 5: TENNESSEE GROSS STATE PRODUCT BY SECTOR (MILLIONS OF 1972 DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
GROSS STATE PRODUCT	22877.5	22937.8	21734.1	23393.4	25056.9	26600.8	27361.6	26491.4	27172.8	26038.0
PERCENTAGE CHANGE	9.06	0.26	-5.25	7.63	7.11	6.16	2.86	-3.18	2.57	-4.18
MANUFACTURING	8777.9	8797.9	7574.7	8426.7	9370.1	9864.9	10133.5	9654.3	10060.7	9219.1
PERCENTAGE CHANGE	14.57	0.23	-13.90	11.25	11.20	5.28	2.72	-4.73	4.21	-8.36
DURABLE GOODS	3802.6	3861.2	3023.1	3608.6	3971.1	4313.5	4450.1	4082.6	4317.5	3860.5
PERCENTAGE CHANGE	14.07	1.54	-21.70	19.37	10.05	8.62	3.17	-8.26	5.75	-10.59
NONDURABLE GOODS	4975.3	4936.7	4551.6	4818.1	5399.0	5551.3	5683.4	5571.7	5743.2	5358.7
PERCENTAGE CHANGE	14.95	-0.78	-7.80	5.86	12.06	2.82	2.38	-1.97	3.08	-6.70
CONSTRUCTION	992.5	912.5	826.3	872.1	893.3	966.4	931.9	787.8	749.4	731.1
PERCENTAGE CHANGE	4.72	-8.06	-9.45	5.55	2.42	8.19	-3.58	-15.46	-4.87	-2.44
MINING	143.0	148.4	150.2	118.2	138.7	152.8	134.9	124.0	118.4	108.9
PERCENTAGE CHANGE	-3.76	3.76	1.17	-21.29	17.33	10.21	-11.73	-8.07	-4.54	-7.98
TRADE	3634.8	3533.3	3576.0	3830.1	4000.8	4253.2	4353.2	4171.4	4224.8	4197.4
PERCENTAGE CHANGE	7.21	-2.79	1.21	7.11	4.46	6.31	2.35	-4.18	1.28	-0.65
SERVICES	2240.6	2266.9	2265.7	2372.4	2456.2	2637.5	2797.4	2851.4	3005.0	3087.3
PERCENTAGE CHANGE	7.89	1.17	-0.05	4.71	3.53	7.38	6.06	1.93	5.39	2.74
FINANCE, INSURANCE AND REAL ESTATE.	2663.7	2787.9	2823.6	2943.6	3074.4	3191.8	3344.5	3286.5	3307.6	3373.9
PERCENTAGE CHANGE	8.86	4.67	1.28	4.25	4.44	3.82	4.78	-1.73	0.64	2.00
TRANS., COMM. AND PUBLIC UTIL.	1618.2	1676.1	1660.6	1786.7	1933.1	2133.4	2237.6	2206.8	2255.4	2128.4
PERCENTAGE CHANGE	8.99	3.58	-0.92	7.59	8.19	10.36	4.89	-1.38	2.20	-5.63
GOVERNMENT	2346.0	2386.8	2449.8	2529.0	2709.0	2908.3	2945.3	2937.2	2873.6	2722.4
PERCENTAGE CHANGE	2.79	1.74	2.64	3.23	7.12	7.36	1.27	-0.27	-2.17	-5.26
FEDERAL	875.0	901.3	928.5	975.3	1048.5	1159.0	1174.0	1164.7	1141.3	1034.3
PERCENTAGE CHANGE	-1.24	3.00	3.02	5.04	7.51	10.53	1.29	-0.80	-2.01	-9.37
STATE AND LOCAL	1471.0	1485.5	1521.3	1553.7	1660.4	1749.3	1771.3	1772.6	1732.3	1688.1
PERCENTAGE CHANGE	5.35	0.99	2.41	2.13	6.87	5.35	1.26	0.07	-2.27	-2.55
AGRICULTURE	460.8	427.9	407.2	514.5	481.4	492.5	483.3	472.0	577.9	469.4
PERCENTAGE CHANGE	-14.18	-7.13	-4.83	26.35	-6.45	2.32	-1.87	-2.35	22.44	-18.77
PER CAPITA GROSS STATE PRODUCT ($)	5529.	5459.	5101.	5404.	5692.	5962.	6036.	5756.	5876.	5598.
PERCENTAGE CHANGE	7.75	-1.26	-6.56	5.94	5.33	4.73	1.25	-4.63	2.08	-4.73

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 6: TENNESSEE DURABLE GOODS MANUFACTURING GROSS PRODUCT (MILLIONS OF 1972 DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL DURABLE GOODS	3802.6	3861.2	3023.1	3608.6	3971.1	4313.5	4450.1	4082.6	4317.5	3860.5
PERCENTAGE CHANGE	14.07	1.54	-21.70	19.37	10.05	8.62	3.17	-8.26	5.75	-10.59
LUMBER AND WOOD PRODUCTS	194.9	156.9	136.3	169.0	180.5	173.7	186.9	179.0	163.0	158.8
PERCENTAGE CHANGE	-0.71	-19.51	-13.11	24.00	6.80	-3.81	7.61	-4.23	-8.91	-2.56
FURNITURE AND FIXTURES	293.9	266.6	216.6	266.0	293.9	290.2	280.4	248.9	255.7	233.3
PERCENTAGE CHANGE	2.60	-9.28	-18.76	22.80	10.51	-1.27	-3.38	-11.21	2.72	-8.76
STONE, CLAY AND GLASS	393.4	373.3	300.1	340.2	300.1	394.0	366.2	310.9	304.9	271.4
PERCENTAGE CHANGE	9.90	-5.12	-19.61	13.36	-11.77	31.29	-7.07	-15.09	-1.95	-10.97
PRIMARY METALS	397.4	418.7	260.2	298.3	318.4	312.6	330.9	308.2	323.0	246.8
PERCENTAGE CHANGE	46.93	5.36	-37.86	14.64	6.73	-1.82	5.86	-6.86	4.79	-23.59
FABRICATED METAL PRODUCTS	517.0	481.6	446.1	487.8	556.8	569.0	600.6	568.0	562.2	503.3
PERCENTAGE CHANGE	15.40	-6.85	-7.37	9.35	14.14	2.18	5.57	-5.42	-1.02	-10.49
NONELECTRICAL MACHINERY	682.2	764.5	568.5	679.6	781.8	800.7	855.2	824.5	870.2	760.8
PERCENTAGE CHANGE	31.67	12.07	-25.64	19.53	15.04	2.42	6.81	-3.59	5.54	-12.57
ELECTRICAL MACHINERY	728.9	610.0	521.1	640.4	716.2	846.1	914.6	894.3	983.2	847.3
PERCENTAGE CHANGE	5.30	-16.30	-14.58	22.89	11.84	18.13	8.10	-2.22	9.94	-13.82
TRANSPORTATION EQUIPMENT	389.0	540.9	315.0	453.3	581.9	664.0	647.3	517.1	587.6	549.1
PERCENTAGE CHANGE	2.42	39.04	-41.77	43.93	28.37	14.11	-2.52	-20.12	13.64	-6.56
OTHER DURABLE GOODS	205.9	248.7	259.3	274.0	241.4	263.4	268.1	231.7	267.8	289.7
PERCENTAGE CHANGE	11.71	20.79	4.25	5.68	-11.89	9.09	1.79	-13.58	15.60	8.18

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 7: TENNESSEE NONDURABLE GOODS MANUFACTURING GROSS PRODUCT (MILLIONS OF 1972 DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL NONDURABLE GOODS	4975.3	4936.7	4551.6	4818.1	5399.0	5551.3	5683.4	5571.7	5743.2	5358.7
PERCENTAGE CHANGE	14.95	-0.78	-7.80	5.86	12.06	2.82	2.38	-1.97	3.08	-6.70
FOOD	859.9	865.5	749.5	874.3	929.5	974.3	1013.4	1029.0	1064.0	1105.8
PERCENTAGE CHANGE	24.59	0.65	-13.41	16.65	6.31	4.82	4.02	1.54	3.40	3.93
TEXTILES	362.1	308.9	287.2	295.6	341.5	340.5	330.3	334.5	340.4	318.2
PERCENTAGE CHANGE	6.49	-14.67	-7.03	2.92	15.52	-0.27	-3.00	1.26	1.77	-6.53
APPAREL	658.9	637.9	615.1	717.6	754.0	755.0	750.4	781.2	801.8	705.2
PERCENTAGE CHANGE	11.81	-3.18	-3.58	16.68	5.06	0.13	-0.61	4.11	2.64	-12.05
PAPER	419.8	442.9	352.1	395.4	431.5	421.1	438.3	417.5	424.6	416.9
PERCENTAGE CHANGE	16.32	5.50	-20.50	12.30	9.15	-2.43	4.10	-4.75	1.71	-1.83
PRINTING AND PUBLISHING	323.6	355.7	343.6	314.5	351.5	373.9	379.6	378.3	396.6	389.7
PERCENTAGE CHANGE	17.93	9.93	-3.41	-8.47	11.77	6.36	1.53	-0.34	4.84	-1.74
CHEMICALS	1581.1	1551.9	1476.0	1487.6	1699.6	1750.9	1813.8	1739.8	1770.2	1646.3
PERCENTAGE CHANGE	13.26	-1.85	-4.89	0.79	14.25	3.02	3.60	-4.08	1.75	-7.00
RUBBER AND PLASTICS	486.1	461.3	407.3	403.9	529.7	589.1	587.9	531.8	577.8	506.8
PERCENTAGE CHANGE	17.35	-5.09	-11.71	-0.85	31.16	11.21	-0.20	-9.55	8.66	-12.29
OTHER NONDURABLE GOODS	283.9	312.5	320.8	329.2	361.8	346.6	369.6	359.6	367.7	269.7
PERCENTAGE CHANGE	7.82	10.08	2.66	2.63	9.88	-4.19	6.64	-2.72	2.25	-26.65

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 8: TENNESSEE EMPLOYMENT BY SECTOR (THOUSANDS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
NONAGRICULTURAL JOBS	1531.1	1558.2	1505.7	1577.4	1648.1	1737.0	1777.3	1747.2	1757.1	1688.3
PERCENTAGE CHANGE	5.59	1.77	-3.37	4.76	4.48	5.39	2.32	-1.69	0.57	-3.92
MANUFACTURING	519.4	513.3	459.0	487.2	507.5	526.0	524.7	502.7	508.6	468.0
PERCENTAGE CHANGE	6.17	-1.17	-10.58	6.14	4.17	3.65	-0.25	-4.19	1.17	-7.98
CONSTRUCTION	86.1	87.8	76.0	75.2	78.4	87.3	89.2	81.2	76.2	71.1
PERCENTAGE CHANGE	9.54	1.97	-13.44	-1.05	4.26	11.35	2.18	-8.97	-6.16	-6.69
MINING	7.0	8.3	9.5	9.4	9.9	10.8	10.5	10.1	10.0	9.8
PERCENTAGE CHANGE	-1.41	18.57	14.46	-1.05	5.32	9.09	-2.78	-3.81	-0.99	-2.00
TRADE	312.0	321.0	320.8	339.8	357.2	379.1	388.7	379.7	379.9	367.5
PERCENTAGE CHANGE	6.01	2.88	-0.06	5.92	5.12	6.13	2.53	-2.32	0.05	-3.26
SERVICES	221.9	227.6	229.4	240.0	254.5	270.7	285.4	291.0	304.4	313.7
PERCENTAGE CHANGE	5.77	2.57	0.79	4.62	6.04	6.37	5.43	1.96	4.60	3.06
FINANCE, INSURANCE AND REAL EST.	66.1	69.5	68.9	69.8	71.1	74.3	77.6	78.7	79.6	79.9
PERCENTAGE CHANGE	8.01	5.14	-0.86	1.31	1.86	4.50	4.44	1.42	1.14	0.38
TRANS., COMM. AND PUBLIC UTILITIES.	72.4	74.3	70.8	73.3	78.3	83.2	87.3	86.6	86.7	83.0
PERCENTAGE CHANGE	4.47	2.62	-4.71	3.53	6.82	6.26	4.93	-0.80	0.12	-4.27
GOVERNMENT	246.2	256.4	271.3	282.7	291.2	305.6	313.9	317.2	311.7	295.3
PERCENTAGE CHANGE	2.33	4.14	5.81	4.20	3.01	4.94	2.72	1.05	-1.73	-5.26
FEDERAL, CIVILIAN	52.0	55.8	58.5	60.6	64.5	70.4	73.9	76.7	75.0	65.3
PERCENTAGE CHANGE	0.58	7.31	4.84	3.59	6.44	9.15	4.97	3.79	-2.22	-12.93
STATE AND LOCAL	194.2	200.6	212.8	222.1	226.7	235.2	240.0	240.5	236.7	230.0
PERCENTAGE CHANGE	2.81	3.30	6.08	4.37	2.07	3.75	2.04	0.21	-1.58	-2.83
TOTAL EMPLOYMENT (THOUS. PERSONS)	1700.0	1752.0	1686.0	1757.0	1822.0	1856.0	1924.0	1931.0	1926.0	1879.0
PERCENTAGE CHANGE	1.43	3.06	-3.77	4.21	3.70	1.87	3.66	0.36	-0.26	-2.44
UNEMPLOYMENT (THOUS. PERSONS)	69.0	93.0	154.0	112.0	123.0	113.0	119.0	152.0	193.0	252.0
PERCENTAGE CHANGE	7.81	34.78	65.59	-27.27	9.82	-8.13	5.31	27.73	26.97	30.57
UNEMPLOYMENT RATE (PERCENT)	3.9	5.1	8.3	6.0	6.3	5.8	5.8	7.3	9.1	11.8
CIVILIAN LABOR FORCE (THOUS. PERSONS)	1770.0	1845.0	1839.0	1870.0	1945.0	1969.0	2043.0	2083.0	2118.0	2131.0
PERCENTAGE CHANGE	1.67	4.24	-0.33	1.69	4.01	1.23	3.76	1.96	1.68	0.61

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 9: TENNESSEE DURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF JOBS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL DURABLE GOODS	231.4	229.1	194.6	208.9	223.0	238.2	240.8	223.2	225.8	202.4
PERCENTAGE CHANGE	8.95	-0.99	-15.06	7.35	6.75	6.82	1.09	-7.31	1.16	-10.36
LUMBER AND WOOD PRODUCTS	19.7	19.4	16.1	18.0	19.2	20.0	21.4	18.7	17.2	15.6
PERCENTAGE CHANGE	4.79	-1.52	-17.01	11.80	6.67	4.17	7.00	-12.62	-8.02	-9.30
FURNITURE AND FIXTURES	28.3	25.7	22.5	24.2	24.7	26.1	24.2	21.5	22.4	20.5
PERCENTAGE CHANGE	1.43	-9.19	-12.45	7.56	2.07	5.67	-7.28	-11.16	4.19	-8.48
STONE, CLAY AND GLASS	18.1	18.2	15.5	16.1	17.0	17.5	16.8	14.7	14.0	12.3
PERCENTAGE CHANGE	9.70	0.55	-14.84	3.87	5.59	2.94	-4.00	-12.50	-4.76	-12.14
PRIMARY METALS	18.5	20.0	17.4	18.2	19.2	19.7	20.9	19.0	18.9	16.5
PERCENTAGE CHANGE	4.52	8.11	-13.00	4.60	5.49	2.60	6.09	-9.09	-0.53	-12.70
FABRICATED METAL PRODUCTS	34.0	33.7	31.3	30.5	32.3	34.3	35.1	32.8	31.9	28.7
PERCENTAGE CHANGE	8.97	-0.88	-7.12	-2.56	5.90	6.19	2.33	-6.55	-2.74	-10.03
NONELECTRICAL MACHINERY	32.8	33.7	27.9	30.3	34.1	36.5	36.5	35.0	36.4	31.4
PERCENTAGE CHANGE	19.27	2.74	-17.21	8.60	12.54	7.04	0.00	-4.11	4.00	-13.74
ELECTRICAL MACHINERY	41.9	39.8	31.4	34.5	38.0	41.2	41.1	40.2	41.4	37.7
PERCENTAGE CHANGE	8.83	-5.01	-21.11	9.87	10.14	8.42	-0.24	-2.19	2.99	-8.94
TRANSPORTATION EQUIPMENT	22.2	22.5	17.6	20.4	21.5	25.0	26.0	23.2	25.0	22.5
PERCENTAGE CHANGE	13.27	1.35	-21.78	15.91	5.39	16.28	4.00	-10.77	7.76	-10.00
OTHER DURABLE GOODS	15.9	16.1	14.9	16.3	17.0	17.9	18.8	18.1	18.6	17.2
PERCENTAGE CHANGE	8.16	1.26	-7.45	9.40	4.29	5.29	5.03	-3.72	2.76	-7.53

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 10: TENNESSEE NONDURABLE GOODS MANUFACTURING EMPLOYMENT (THOUSANDS OF JOBS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL NONDURABLE GOODS	288.0	284.2	264.4	278.7	284.5	287.8	283.9	279.5	282.8	265.6
PERCENTAGE CHANGE	4.05	-1.32	-6.97	5.41	2.08	1.16	-1.36	-1.55	1.18	-6.08
FOOD	38.0	38.4	38.3	39.8	40.6	40.1	39.5	39.0	38.2	38.2
PERCENTAGE CHANGE	3.83	1.05	-0.26	3.92	2.01	-1.23	-1.50	-1.27	-2.05	0.08
TEXTILES	33.2	31.0	27.1	29.3	28.5	29.0	27.2	26.3	26.4	25.2
PERCENTAGE CHANGE	2.47	-6.63	-12.58	8.12	-2.73	1.75	-6.21	-3.31	0.38	-4.55
APPAREL	76.0	73.9	66.1	72.0	72.3	71.2	68.3	69.4	69.2	64.0
PERCENTAGE CHANGE	5.85	-2.76	-10.55	8.93	0.42	-1.52	-4.07	1.61	-0.29	-7.51
PAPER	17.5	17.4	15.2	15.7	16.6	17.4	18.2	17.7	17.8	16.7
PERCENTAGE CHANGE	5.42	-0.57	-12.64	3.29	5.73	4.82	4.60	-2.75	0.56	-6.18
PRINTING AND PUBLISHING	21.9	22.6	22.4	23.9	25.3	26.1	26.6	26.9	27.6	27.3
PERCENTAGE CHANGE	3.79	3.20	-0.89	6.70	5.86	3.16	1.92	1.13	2.60	-1.09
CHEMICALS	57.2	58.4	55.2	56.5	57.3	57.7	58.5	58.2	58.2	55.8
PERCENTAGE CHANGE	2.88	2.10	-5.48	2.36	1.42	0.70	1.39	-0.51	0.00	-4.12
RUBBER AND PLASTICS	17.7	18.4	16.7	16.7	20.6	22.8	23.4	20.4	21.6	19.6
PERCENTAGE CHANGE	14.19	3.95	-9.24	0.00	23.35	10.68	2.63	-12.82	5.88	-9.26
OTHER NONDURABLE GOODS	26.5	24.1	23.4	24.8	23.3	23.5	22.2	21.6	23.8	18.7
PERCENTAGE CHANGE	-2.57	-9.06	-2.90	5.98	-6.05	0.86	-5.53	-2.70	10.19	-21.43

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 11: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY BY SECTOR (DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
ALL SECTORS	7346.	7962.	8599.	9169.	9878.	10732.	11660.	12786.	13909.	14934.
PERCENTAGE CHANGE	6.71	8.38	8.00	6.63	7.74	8.64	8.65	9.66	8.79	7.37
MANUFACTURING	7616.	8387.	9154.	9858.	10675.	11540.	12681.	13904.	15127.	16308.
PERCENTAGE CHANGE	6.09	10.13	9.14	7.69	8.29	8.10	9.89	9.65	8.79	7.81
DURABLE GOODS	7659.	8524.	9246.	9962.	10847.	11657.	12865.	14073.	15442.	16645.
PERCENTAGE CHANGE	6.91	11.29	8.47	7.74	8.89	7.46	10.36	9.40	9.73	7.78
NONDURABLE GOODS	7581.	8277.	9087.	9767.	10541.	11443.	12533.	13769.	14875.	16052.
PERCENTAGE CHANGE	5.43	9.18	9.78	7.48	7.93	8.56	9.52	9.87	8.03	7.91
CONSTRUCTION	7714.	8531.	9697.	9922.	10563.	11253.	12271.	13561.	15046.	16542.
PERCENTAGE CHANGE	4.14	10.59	13.67	2.32	6.46	6.53	9.05	10.52	10.94	9.95
MINING	8969.	9662.	11334.	11272.	12585.	13989.	15507.	16958.	18751.	18405.
PERCENTAGE CHANGE	8.64	7.73	17.31	-0.55	11.65	11.16	10.85	9.35	10.57	-1.84
TRADE	6295.	6788.	7269.	7757.	8185.	8755.	9501.	10386.	11177.	12629.
PERCENTAGE CHANGE	6.11	7.83	7.09	6.71	5.52	6.96	8.52	9.31	7.62	12.99
SERVICES	6408.	6919.	7497.	8030.	8393.	9230.	10080.	11311.	12361.	13339.
PERCENTAGE CHANGE	6.55	7.97	8.36	7.11	4.52	9.97	9.21	12.21	9.28	7.91
FINANCE, INSURANCE AND REAL ESTATE.	7992.	8530.	9089.	9820.	10673.	11562.	12560.	13813.	14941.	16435.
PERCENTAGE CHANGE	5.72	6.73	6.55	8.05	8.69	8.32	8.64	9.97	8.16	10.00
TRANS., COMM. AND PUBLIC UTIL	10461.	11265.	12085.	13335.	14274.	15700.	17074.	18655.	20466.	21670.
PERCENTAGE CHANGE	9.41	7.69	7.28	10.34	7.04	10.00	8.75	9.26	9.71	5.88
GOVERNMENT	8139.	8647.	9158.	9600.	10729.	11784.	12587.	13703.	14854.	15770.
PERCENTAGE CHANGE	8.15	6.24	5.92	4.82	11.77	9.83	6.81	8.87	8.40	6.17
FEDERAL, CIVILIAN	12046.	12480.	13496.	14618.	16168.	17803.	18576.	19758.	21940.	23791.
PERCENTAGE CHANGE	8.21	3.60	8.14	8.31	10.61	10.11	4.34	6.36	11.04	8.44
STATE AND LOCAL	7092.	7580.	7966.	8230.	9182.	9982.	10742.	11773.	12609.	13493.
PERCENTAGE CHANGE	8.47	6.88	5.09	3.32	11.56	8.72	7.61	9.59	7.10	7.02
AGRICULTURE	2706.	2898.	3065.	3237.	3645.	4147.	4496.	4594.	5106.	6101.
PERCENTAGE CHANGE	12.58	7.08	5.78	5.62	12.59	13.78	8.42	2.18	11.13	19.50

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 12: TENNESSEE DURABLE GOODS MANUFACTURING AVERAGE ANNUAL WAGE AND SALARY BY SECTOR (DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL DURABLE GOODS	7659.	8524.	9246.	9962.	10847.	11657.	12865.	14073.	15442.	16645.
PERCENTAGE CHANGE	6.91	11.29	8.47	7.74	8.89	7.46	10.36	9.40	9.73	7.78
LUMBER AND WOOD PRODUCTS	4612.	5245.	6544.	7098.	7705.	8295.	9018.	9983.	10855.	11869.
PERCENTAGE CHANGE	2.70	13.72	24.77	8.46	8.56	7.65	8.72	10.70	8.74	9.34
FURNITURE AND FIXTURES	6205.	6851.	7087.	7799.	8386.	8741.	9590.	10365.	11024.	12019.
PERCENTAGE CHANGE	8.16	10.43	3.43	10.05	7.53	4.23	9.72	8.08	6.36	9.02
STONE, CLAY AND GLASS	9465.	10093.	10340.	12124.	13479.	14823.	15378.	16636.	18327.	19343.
PERCENTAGE CHANGE	14.38	6.63	2.45	17.26	11.17	9.98	3.74	8.18	10.16	5.54
PRIMARY METALS	9622.	10570.	10805.	12163.	13802.	14851.	16009.	18257.	19901.	20609.
PERCENTAGE CHANGE	0.77	9.85	2.23	12.57	13.47	7.60	7.80	14.04	9.00	3.56
FABRICATED METAL PRODUCTS	7440.	8134.	10503.	10809.	11450.	12154.	13267.	14800.	16273.	17143.
PERCENTAGE CHANGE	-1.04	9.33	29.14	2.91	5.93	6.15	9.16	11.55	9.96	5.34
NONELECTRICAL MACHINERY	7998.	9654.	10680.	11150.	11822.	12702.	14751.	16132.	16792.	18199.
PERCENTAGE CHANGE	14.25	20.70	10.63	4.40	6.03	7.44	16.13	9.36	4.09	8.38
ELECTRICAL MACHINERY	7310.	7889.	8519.	9469.	10221.	10842.	12431.	13118.	14605.	15026.
PERCENTAGE CHANGE	9.96	7.91	7.99	11.16	7.94	6.07	14.66	5.53	11.33	2.88
TRANSPORTATION EQUIPMENT	8351.	9038.	9493.	10216.	11486.	12738.	13761.	15230.	17776.	20016.
PERCENTAGE CHANGE	3.35	8.23	5.03	7.62	12.44	10.90	8.03	10.68	16.71	12.61
OTHER DURABLE GOODS	9410.	10133.	8381.	8915.	9491.	10334.	10905.	11573.	12965.	16224.
PERCENTAGE CHANGE	6.24	7.69	-17.29	6.37	6.46	8.87	5.53	6.13	12.03	25.13

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 13: TENNESSEE NONDURABLE GOODS MANUFACTURING AVERAGE ANNUAL WAGE AND SALARY (DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL NONDURABLE GOODS	7581.	8277.	9087.	9767.	10541.	11443.	12533.	13769.	14875.	16052.
PERCENTAGE CHANGE	5.43	9.18	9.78	7.48	7.93	8.56	9.52	9.87	8.03	7.91
FOOD	8160.	9248.	10075.	10919.	11524.	12438.	13535.	14766.	16031.	17184.
PERCENTAGE CHANGE	6.10	13.34	8.94	8.37	5.54	7.94	8.82	9.09	8.57	7.19
TEXTILES	6617.	7141.	7167.	7713.	8287.	9106.	9813.	11104.	11848.	11865.
PERCENTAGE CHANGE	5.27	7.92	0.35	7.62	7.45	9.88	7.77	13.15	6.69	0.14
APPAREL	4761.	5121.	5529.	6107.	6417.	6977.	7730.	8172.	8839.	9022.
PERCENTAGE CHANGE	5.50	7.58	7.95	10.46	5.07	8.73	10.79	5.71	8.17	2.07
PAPER	8298.	9010.	10949.	12281.	13385.	14581.	15682.	17636.	19047.	21150.
PERCENTAGE CHANGE	5.80	8.58	21.53	12.16	8.99	8.94	7.55	12.46	8.00	11.04
PRINTING AND PUBLISHING	7488.	7932.	8066.	8630.	9097.	9934.	10729.	11687.	12724.	13967.
PERCENTAGE CHANGE	5.30	5.92	1.70	6.99	5.41	9.20	8.01	8.92	8.87	9.77
CHEMICALS	11312.	12237.	13604.	14838.	15838.	17126.	18522.	20608.	22371.	24688.
PERCENTAGE CHANGE	5.36	8.17	11.18	9.07	6.74	8.13	8.15	11.27	8.55	10.36
RUBBER AND PLASTICS	9580.	10030.	11423.	11879.	13625.	14270.	15462.	17300.	18258.	19674.
PERCENTAGE CHANGE	5.64	4.70	13.88	4.00	14.70	4.74	8.35	11.89	5.54	7.75
OTHER NONDURABLE GOODS	6265.	6731.	7187.	7496.	8174.	8821.	9566.	10865.	11902.	12429.
PERCENTAGE CHANGE	4.23	7.43	6.78	4.30	9.05	7.91	8.44	13.58	9.55	4.42

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 14: TENNESSEE AVERAGE ANNUAL WAGE AND SALARY BY SECTOR (1972 DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
ALL SECTORS	6950.	6846.	6868.	6960.	7089.	7199.	7176.	7143.	7166.	7274.
PERCENTAGE CHANGE	0.96	-1.50	0.32	1.34	1.85	1.55	-0.31	-0.46	0.32	1.51
MANUFACTURING	7205.	7212.	7312.	7484.	7661.	7741.	7805.	7768.	7793.	7944.
PERCENTAGE CHANGE	0.37	0.09	1.38	2.35	2.37	1.04	0.83	-0.47	0.33	1.93
DURABLE GOODS	7246.	7329.	7385.	7562.	7784.	7819.	7918.	7862.	7956.	8107.
PERCENTAGE CHANGE	1.15	1.15	0.76	2.40	2.94	0.45	1.26	-0.70	1.19	1.90
NONDURABLE GOODS	7173.	7117.	7258.	7414.	7565.	7676.	7713.	7692.	7664.	7819.
PERCENTAGE CHANGE	-0.25	-0.77	1.98	2.15	2.03	1.47	0.48	-0.27	-0.37	2.03
CONSTRUCTION	7298.	7335.	7745.	7532.	7580.	7548.	7552.	7576.	7751.	8057.
PERCENTAGE CHANGE	-1.48	0.51	5.59	-2.75	0.64	-0.42	0.06	0.32	2.31	3.95
MINING	8485.	8308.	9053.	8557.	9032.	9384.	9544.	9474.	9661.	8965.
PERCENTAGE CHANGE	2.78	-2.09	8.97	-5.48	5.55	3.90	1.71	-0.74	1.97	-7.20
TRADE	5955.	5836.	5806.	5889.	5874.	5873.	5848.	5802.	5758.	6151.
PERCENTAGE CHANGE	0.39	-1.99	-0.52	1.42	-0.25	-0.02	-0.43	-0.78	-0.75	6.83
SERVICES	6063.	5949.	5988.	6096.	6023.	6192.	6204.	6319.	6368.	6497.
PERCENTAGE CHANGE	0.80	-1.87	0.66	1.80	-1.19	2.79	0.20	1.85	0.78	2.02
FINANCE, INSURANCE AND REAL ESTATE.	7561.	7334.	7259.	7455.	7660.	7755.	7730.	7717.	7698.	8005.
PERCENTAGE CHANGE	0.02	-3.00	-1.02	2.69	2.75	1.25	-0.32	-0.18	-0.25	4.00
TRANS., COMM. AND PUBLIC UTIL	9897.	9686.	9653.	10123.	10243.	10532.	10509.	10422.	10544.	10555.
PERCENTAGE CHANGE	3.51	-2.13	-0.35	4.87	1.19	2.81	-0.22	-0.83	1.17	0.11
GOVERNMENT	7700.	7435.	7315.	7287.	7700.	7905.	7747.	7656.	7653.	7682.
PERCENTAGE CHANGE	2.32	-3.44	-1.61	-0.38	5.66	2.66	-2.00	-1.18	-0.04	0.38
FEDERAL, CIVILIAN	11396.	10731.	10780.	11097.	11603.	11942.	11433.	11038.	11304.	11588.
PERCENTAGE CHANGE	2.38	-5.84	0.45	2.94	4.56	2.92	-4.26	-3.45	2.41	2.52
STATE AND LOCAL	6710.	6518.	6363.	6248.	6589.	6696.	6612.	6577.	6496.	6572.
PERCENTAGE CHANGE	2.62	-2.86	-2.38	-1.80	5.47	1.62	-1.26	-0.52	-1.23	1.18
AGRICULTURE	2560.	2492.	2448.	2458.	2616.	2782.	2767.	2567.	2630.	2972.
PERCENTAGE CHANGE	6.51	-2.68	-1.74	0.38	6.43	6.35	-0.53	-7.25	2.49	12.98

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 15: TENNESSEE DURABLE GOODS MANUFACTURING AVERAGE ANNUAL WAGE AND SALARY (1972 DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL DURABLE GOODS..................	7246.	7329.	7385.	7562.	7784.	7819.	7918.	7862.	7956.	8107.
PERCENTAGE CHANGE................	1.15	1.15	0.76	2.40	2.94	0.45	1.26	-0.70	1.19	1.90
LUMBER AND WOOD PRODUCTS...........	4363.	4510.	5227.	5388.	5530.	5564.	5551.	5577.	5593.	5781.
PERCENTAGE CHANGE................	-2.84	3.36	15.90	3.09	2.62	0.62	-0.24	0.48	0.28	3.38
FURNITURE AND FIXTURES.............	5870.	5891.	5660.	5920.	6018.	5863.	5902.	5790.	5680.	5854.
PERCENTAGE CHANGE................	2.33	0.36	-3.92	4.59	1.65	-2.57	0.67	-1.90	-1.91	3.08
STONE, CLAY AND GLASS..............	8955.	8678.	8259.	9204.	9673.	9943.	9465.	9294.	9442.	9422.
PERCENTAGE CHANGE................	8.21	-3.09	-4.84	11.44	5.10	2.80	-4.81	-1.80	1.59	-0.22
PRIMARY METALS.....................	9103.	9088.	8630.	9233.	9905.	9962.	9853.	10199.	10253.	10038.
PERCENTAGE CHANGE................	-4.67	-0.16	-5.04	6.99	7.27	0.57	-1.09	3.52	0.52	-2.09
FABRICATED METAL PRODUCTS..........	7038.	6994.	8389.	8205.	8217.	8153.	8165.	8268.	8384.	8350.
PERCENTAGE CHANGE................	-6.38	-0.64	19.96	-2.19	0.14	-0.78	0.16	1.26	1.40	-0.41
NONELECTRICAL MACHINERY............	7567.	8301.	8530.	8464.	8484.	8520.	9079.	9013.	8651.	8865.
PERCENTAGE CHANGE................	8.09	9.70	2.76	-0.78	0.23	0.43	6.56	-0.73	-4.01	2.47
ELECTRICAL MACHINERY...............	6916.	6783.	6804.	7188.	7335.	7273.	7651.	7329.	7524.	7319.
PERCENTAGE CHANGE................	4.03	-1.92	0.31	5.65	2.04	-0.85	5.20	-4.21	2.67	-2.73
TRANSPORTATION EQUIPMENT...........	7900.	7771.	7582.	7755.	8243.	8545.	8469.	8508.	9158.	9750.
PERCENTAGE CHANGE................	-2.22	-1.63	-2.43	2.28	6.29	3.66	-0.88	0.46	7.64	6.46
OTHER DURABLE GOODS................	8902.	8713.	6694.	6768.	6811.	6932.	6712.	6465.	6680.	7902.
PERCENTAGE CHANGE................	0.51	-2.13	-23.17	1.10	0.65	1.77	-3.17	-3.67	3.31	18.31

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 16: TENNESSEE NONDURABLE GOODS MANUFACTURING AVERAGE ANNUAL WAGE AND SALARY (1972 DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL NONDURABLE GOODS	7173.	7117.	7258.	7414.	7565.	7676.	7713.	7692.	7664.	7819.
PERCENTAGE CHANGE	-0.25	-0.77	1.98	2.15	2.03	1.47	0.48	-0.27	-0.37	2.03
FOOD	7720.	7952.	8047.	8289.	8270.	8343.	8330.	8249.	8259.	8370.
PERCENTAGE CHANGE	0.38	3.01	1.19	3.00	-0.23	0.89	-0.16	-0.97	0.12	1.34
TEXTILES	6261.	6141.	5724.	5855.	5947.	6108.	6040.	6203.	6104.	5779.
PERCENTAGE CHANGE	-0.40	-1.92	-6.78	2.28	1.58	2.71	-1.12	2.71	-1.61	-5.32
APPAREL	4504.	4404.	4416.	4636.	4605.	4680.	4757.	4565.	4554.	4395.
PERCENTAGE CHANGE	-0.19	-2.23	0.28	4.98	-0.67	1.64	1.65	-4.04	-0.25	-3.50
PAPER	7850.	7747.	8745.	9323.	9606.	9781.	9652.	9853.	9813.	10302.
PERCENTAGE CHANGE	0.09	-1.32	12.89	6.60	3.03	1.82	-1.32	2.08	-0.41	4.99
PRINTING AND PUBLISHING	7084.	6820.	6443.	6552.	6529.	6664.	6603.	6529.	6555.	6803.
PERCENTAGE CHANGE	-0.38	-3.73	-5.53	1.69	-0.35	2.07	-0.90	-1.13	0.40	3.79
CHEMICALS	10702.	10522.	10866.	11264.	11366.	11488.	11399.	11513.	11525.	12025.
PERCENTAGE CHANGE	-0.32	-1.69	3.27	3.66	0.90	1.08	-0.77	1.00	0.11	4.34
RUBBER AND PLASTICS	9063.	8624.	9124.	9018.	9778.	9572.	9516.	9665.	9407.	9583.
PERCENTAGE CHANGE	-0.05	-4.84	5.79	-1.16	8.43	-2.10	-0.59	1.56	-2.67	1.87
OTHER NONDURABLE GOODS	5928.	5787.	5740.	5691.	5866.	5917.	5887.	6070.	6132.	6054.
PERCENTAGE CHANGE	-1.39	-2.37	-0.81	-0.87	3.09	0.87	-0.50	3.10	1.03	-1.27

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 17: TENNESSEE PERSONAL INCOME BY COMPCNENTS

HISTORICAL-DATA

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL PERSONAL INCOME (MIL $)........	17011.	18793.	20304.	22672.	25156.	28542.	31979.	35212.	39377.	41420.
PERCENTAGE CHANGE................	13.55	10.47	8.04	11.66	10.95	13.46	12.04	10.11	11.83	5.19
WAGES AND SALARIES.................	11579.	12790.	13313.	14859.	16726.	19106.	21241.	22936.	25041.	25863.
PERCENTAGE CHANGE................	12.22	10.46	4.09	11.61	12.57	14.23	11.17	7.98	9.18	3.28
OTHER LABOR INCOME.................	855.	982.	1107.	1318.	1558.	1820.	2016.	2200.	2472.	2679.
PERCENTAGE CHANGE................	14.27	14.87	12.77	19.04	18.24	16.82	10.72	9.16	12.36	8.34
PROPRIETORS' INCOME................	1667.	1489.	1475.	1746.	1712.	1972.	2126.	1868.	1915.	1836.
PERCENTAGE CHANGE................	19.76	-10.68	-0.89	18.32	-1.94	15.23	7.77	-12.13	2.50	-4.12
PROPERTY INCOME....................	1879.	2223.	2426.	2598.	2962.	3376.	3996.	4866.	6205.	6776.
PERCENTAGE CHANGE................	15.19	18.30	9.17	7.09	13.99	13.99	18.34	21.77	27.53	9.20
TRANSFER INCOME....................	1958.	2377.	3092.	3367.	3597.	3892.	4469.	5350.	6059.	6682.
PERCENTAGE CHANGE................	16.57	21.45	30.05	8.91	6.81	8.22	14.82	19.70	13.27	10.28
LESS: PERS. CONT. FOR SOCIAL INS...	733.	854.	885.	996.	1132.	1317.	1526.	1647.	1925.	2043.
PERCENTAGE CHANGE................	22.71	16.41	3.60	12.64	13.57	16.42	15.83	7.93	16.90	6.15
RESIDENCE ADJUSTMENT...............	-192.	-213.	-225.	-220.	-267.	-308.	-342.	-361.	-390.	-372.
PERCENTAGE CHANGE................	1.42	11.28	5.54	-2.53	21.67	15.32	10.99	5.50	8.14	-4.74
PER CAPITA PERSONAL INCOME ($).......	4111.	4473.	4765.	5237.	5715.	6397.	7054.	7662.	8516.	8906.
PERCENTAGE CHANGE................	12.20	8.81	6.53	9.91	9.13	11.93	10.27	8.62	11.15	4.58
TOTAL PERSONAL INCOME (MIL 72 $).....	16093.8	16158.9	16216.9	17210.9	18052.6	19145.8	19682.0	19671.4	20287.1	20175.4
PERCENTAGE CHANGE................	7.43	0.40	0.36	6.13	4.89	6.06	2.80	-0.05	3.13	-0.55
PER CAPITA PERSONAL INCOME (72 $)....	3889.	3846.	3806.	3976.	4101.	4291.	4342.	4275.	4387.	4338.
PERCENTAGE CHANGE................	6.13	-1.12	-1.03	4.46	3.15	4.63	1.19	-1.55	2.64	-1.13
TN INDIVIDUAL IRS COLLECTIONS (MIL $)	1725.3	1978.5	1947.8	2226.1	2632.7	2984.1	3295.6	3892.1	4283.1	4357.1
PERCENTAGE CHANGE................	17.31	14.68	-1.55	14.29	18.27	13.34	10.44	18.10	10.04	1.73
DISPOSABLE PERSONAL INCOME (MIL $)...	15286.	16814.	18356.	20446.	22523.	25558.	28684.	31320.	35094.	37063.
PERCENTAGE CHANGE................	13.15	10.00	9.17	11.39	10.16	13.48	12.23	9.19	12.05	5.61
PER CAPITA DISPOSABLE PERSONAL INCOME ($)................................	3694.	4001.	4308.	4723.	5117.	5728.	6328.	6806.	7590.	7969.
PERCENTAGE CHANGE................	11.78	8.32	7.66	9.64	8.33	11.95	10.47	7.55	11.52	5.00
DISPOSABLE INCOME (MIL 72 $).........	14461.5	14457.7	14661.1	15521.0	16163.3	17144.1	17653.7	17497.1	18080.4	18053.1
PERCENTAGE CHANGE................	7.04	-0.03	1.41	5.87	4.14	6.07	2.97	-0.89	3.33	-0.15
PER CAPITA DISPOSABLE INCOME (72 $)..	3495.	3441.	3441.	3585.	3672.	3842.	3894.	3802.	3910.	3882.
PERCENTAGE CHANGE................	5.75	-1.55	0.00	4.20	2.41	4.64	1.36	-2.37	2.84	-0.73

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

TABLE 18: TENNESSEE RETAIL SALES

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL (MIL $)	9640.	10797.	11436.	12748.	14255.	15712.	16375.	17373.	18729.	19231.
PERCENTAGE CHANGE	23.61	12.01	5.92	11.47	11.82	10.22	4.22	6.09	7.80	2.68
AUTOMOTIVE	2152.	2133.	2268.	2707.	3194.	3629.	3754.	3071.	3201.	3348.
PERCENTAGE CHANGE	24.84	-0.87	6.34	19.34	17.98	13.61	3.44	-18.19	4.23	4.62
NONAUTOMOTIVE	7488.	8664.	9168.	10041.	11061.	12084.	12622.	14303.	15528.	15883.
PERCENTAGE CHANGE	23.26	15.71	5.81	9.52	10.16	9.24	4.45	13.32	8.57	2.28
TOTAL (MIL 72 $)	9120.	9284.	9134.	9677.	10230.	10540.	10078.	9706.	9649.	9367.
PERCENTAGE CHANGE	16.94	1.80	-1.61	5.95	5.71	3.02	-4.38	-3.70	-0.59	-2.92
AUTOMOTIVE	2036.	1834.	1812.	2055.	2292.	2434.	2310.	1716.	1649.	1631.
PERCENTAGE CHANGE	18.11	-9.90	-1.22	13.43	11.53	6.20	-5.09	-25.74	-3.88	-1.09
NONAUTOMOTIVE	7084.	7450.	7323.	7622.	7938.	8105.	7768.	7990.	8000.	7736.
PERCENTAGE CHANGE	16.61	5.16	-1.71	4.09	4.14	2.11	-4.16	2.86	0.12	-3.30
MOTOR VEHICLE REGISTRATIONS	2467.	2568.	2726.	2805.	2996.	2911.	2995.	3271.	3533.	3834.
PERCENTAGE CHANGE	7.55	4.12	6.12	2.91	6.82	-2.83	2.89	9.21	8.01	8.50

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 19: TENNESSEE ENERGY CONSUMPTION - SELECTED CATEGORIES

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
ELECTRICITY (MIL. KWH)	54025.	54190.	51769.	55188.	60069.	61159.	61367.	62369.	60339.	56015.
PERCENTAGE CHANGE	10.04	0.30	-4.47	6.61	8.84	1.81	0.34	1.63	-3.25	-7.17
RESIDENTIAL	21545.	21258.	22038.	22876.	25466.	25839.	24466.	25739.	24154.	23794.
PERCENTAGE CHANGE	7.64	-1.34	3.67	3.80	11.32	1.46	-5.31	5.20	-6.16	-1.49
COMMERCIAL	3588.	3464.	3516.	3647.	4210.	4247.	4123.	4372.	4384.	4424.
PERCENTAGE CHANGE	5.18	-3.45	1.49	3.72	15.44	0.87	-2.91	6.05	0.27	0.91
INDUSTRIAL	18058.	17676.	17133.	18941.	20447.	20768.	21310.	21187.	21201.	20857.
PERCENTAGE CHANGE	6.36	-2.12	-3.07	10.55	7.95	1.57	2.61	-0.58	0.07	-1.62
DIRECTLY SERVED COMM AND IND	10833.	11792.	9082.	9725.	9947.	10306.	11468.	11070.	10600.	6940.
PERCENTAGE CHANGE	24.64	8.85	-22.98	7.08	2.28	3.61	11.28	-3.47	-4.25	-34.53
TOTAL GAS (MIL. THERMS)	2461.	2382.	2004.	1988.	1858.	1852.	2152.	2147.	2110.	2098.
PERCENTAGE CHANGE	0.61	-3.21	-15.87	-0.80	-6.54	-0.32	16.20	-0.21	-1.74	-0.59
RESIDENTIAL	468.	449.	451.	470.	474.	489.	492.	471.	440.	444.
PERCENTAGE CHANGE	2.86	-4.06	0.45	4.21	0.85	3.16	0.61	-4.19	-6.66	0.82
COMMERCIAL	389.	362.	364.	360.	369.	351.	369.	360.	375.	380.
PERCENTAGE CHANGE	1.57	-6.94	0.55	-1.10	2.50	-4.88	5.13	-2.44	4.17	1.33
INDUSTRIAL	1604.	1571.	1189.	1158.	1015.	1012.	1291.	1316.	1295.	1274.
PERCENTAGE CHANGE	-0.25	-2.06	-24.32	-2.61	-12.35	-0.30	27.57	1.94	-1.60	-1.62
COAL (THOUS. TONS)	17440.	19894.	18848.	22362.	21694.	21621.	20173.	21679.	20496.	19710.
PERCENTAGE CHANGE	21.54	14.07	-5.26	18.64	-2.99	-0.34	-6.70	7.47	-5.46	-3.83
GASOLINE (MIL. GAL.)	2264.	2212.	2288.	2409.	2473.	2588.	2524.	2437.	2341.	2324.
PERCENTAGE CHANGE	8.12	-2.32	3.42	5.32	2.64	4.66	-2.47	-3.45	-3.96	-0.72
FUEL OIL (THOUS. BARRELS)	16461.	17071.	18193.	24974.	27478.	29679.	26591.	20675.	20772.	18450.
PERCENTAGE CHANGE	10.85	3.71	6.57	37.27	10.03	8.01	-10.40	-22.25	0.47	-11.18

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 20: TENNESSEE ENERGY PRICES - SELECTED CATEGORIES

	H I S T O R I C A L - D A T A									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
ELECTRICITY (CENTS/KILOWATT-HOUR)....	1.23	1.46	1.99	2.19	2.29	2.75	3.16	3.50	4.26	4.71
PERCENTAGE CHANGE................	6.10	18.23	36.38	10.21	4.36	20.19	14.84	10.79	21.87	10.52
RESIDENTIAL.........................	1.33	1.56	2.07	2.30	2.35	2.74	3.10	3.42	4.18	4.62
PERCENTAGE CHANGE................	5.56	17.29	32.69	11.11	2.17	16.60	13.14	10.32	22.22	10.53
COMMERCIAL..........................	1.73	1.95	2.50	2.72	2.87	3.44	3.90	4.29	4.98	5.64
PERCENTAGE CHANGE................	4.85	12.72	28.21	8.80	5.51	19.86	13.37	10.00	16.08	13.25
INDUSTRIAL..........................	1.02	1.24	1.78	1.96	2.09	2.62	3.08	3.43	4.21	4.62
PERCENTAGE CHANGE................	7.37	21.57	43.55	10.11	6.63	25.36	17.56	11.36	22.74	9.74
TOTAL GAS (CENTS/THERM)..............	6.7	7.8	10.0	12.3	16.0	18.4	22.1	27.0	32.0	39.1
PERCENTAGE CHANGE................	5.19	16.30	27.74	23.54	30.25	14.95	19.75	22.25	18.75	22.14
RESIDENTIAL.........................	10.9	11.8	13.3	14.9	17.8	19.8	23.4	29.4	34.7	40.3
PERCENTAGE CHANGE................	3.81	8.26	12.71	12.03	19.46	11.24	18.18	25.64	18.03	16.14
COMMERCIAL..........................	9.1	10.2	11.9	14.4	18.5	20.9	24.7	29.9	35.2	42.5
PERCENTAGE CHANGE................	7.06	12.09	16.67	21.01	28.47	12.97	18.18	21.05	17.73	20.74
INDUSTRIAL..........................	4.9	6.1	8.1	10.6	14.3	16.9	20.8	25.3	30.2	37.7
PERCENTAGE CHANGE................	4.26	24.49	32.79	30.86	34.91	18.18	23.08	21.63	19.37	24.83
COAL PRICE ($/TON)...................	8.29	9.50	19.08	20.51	22.88	26.99	31.25	36.21	40.29	43.29
PERCENTAGE CHANGE................	10.83	14.60	100.84	7.49	11.56	17.96	15.78	15.87	11.27	7.45

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
HISTORICAL DATA AS OF NOVEMBER 1983

TABLE 21: TENNESSEE COMMERCIAL BANKS AND SAVINGS AND LOANS - ASSETS AND LIABLITIES (MILLIONS OF DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
COMMERCIAL BANKS										
ASSETS	13928.	14666.	15434.	16422.	18127.	20042.	22056.	23804.	26103.	28292.
PERCENTAGE CHANGE	15.09	5.29	5.24	6.40	10.38	10.56	10.05	7.92	9.66	8.38
TOTAL LOANS	7601.	8088.	8197.	9074.	10416.	11950.	12695.	12973.	13600.	14649.
PERCENTAGE CHANGE	22.69	6.40	1.36	10.69	14.79	14.72	6.24	2.19	4.83	7.71
SECURITIES AND OTHER INVESTMENTS	6327.	6578.	7237.	7348.	7711.	8092.	9361.	10831.	12503.	13643.
PERCENTAGE CHANGE	7.11	3.97	10.01	1.53	4.94	4.94	15.68	15.70	15.44	9.12
LIABILITIES										
TOTAL DEPOSITS	11691.	12287.	13098.	14249.	15840.	17141.	18494.	19798.	21156.	22893.
PERCENTAGE CHANGE	13.19	5.11	6.59	8.79	11.16	8.22	7.90	7.05	6.86	8.21
DEMAND DEPOSITS	4994.	4849.	4974.	5146.	5626.	6030.	6262.	6057.	5666.	5331.
PERCENTAGE CHANGE	8.72	-2.90	2.56	3.46	9.34	7.17	3.85	-3.27	-6.45	-5.92
TIME DEPOSITS	6696.	7438.	8124.	9103.	10213.	11111.	12232.	13741.	15490.	17562.
PERCENTAGE CHANGE	16.77	11.08	9.22	12.05	12.19	8.79	10.09	12.33	12.73	13.38
AVERAGE YIELDS (PERCENT)										
LOANS	8.69	9.81	8.83	9.04	9.31	10.04	11.51	13.10	15.51	15.01
PERCENTAGE CHANGE	16.02	12.89	-9.99	2.38	2.99	7.81	14.71	13.76	18.40	-3.20
SECURITIES	5.25	5.67	5.98	6.31	6.26	7.78	9.03	10.70	12.44	12.91
PERCENTAGE CHANGE	6.06	8.00	5.47	5.52	-0.79	24.28	16.04	18.52	16.25	3.80
SAVINGS AND LOANS										
ASSETS	3151.	3456.	4024.	4651.	5511.	6392.	6904.	7425.	7684.	7933.
PERCENTAGE CHANGE	11.87	9.67	16.42	15.59	18.48	15.99	8.01	7.54	3.50	3.23
TOTAL LOANS	2779.	3036.	3432.	3975.	4754.	5551.	5997.	6327.	6505.	6066.
PERCENTAGE CHANGE	14.24	9.25	13.06	15.82	19.59	16.77	8.04	5.51	2.81	-6.75
SECURITIES AND OTHER INVESTMENTS	373.	421.	592.	676.	757.	841.	907.	1097.	1179.	1867.
PERCENTAGE CHANGE	-3.09	12.82	40.62	14.27	11.98	11.14	7.83	20.96	7.44	58.30
LIABILITIES										
TIME DEPOSITS	2692.	2935.	3435.	4006.	4684.	5291.	5723.	6270.	6473.	6379.
PERCENTAGE CHANGE	10.54	8.99	17.05	16.64	16.92	12.95	8.15	9.56	3.24	-1.44

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.

ANNUAL TENNESSEE ECONOMETRIC MODEL
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TABLE 22: TENNESSEE AGRICULTURAL OUTPUT (MILLIONS OF DOLLARS)

	HISTORICAL-DATA									
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
CASH RECEIPTS	1143.5	1014.6	1116.9	1281.5	1391.9	1594.1	1796.3	1901.5	2012.0	2112.5
PERCENTAGE CHANGE	37.54	-11.27	10.08	14.74	8.62	14.53	12.68	5.86	5.81	5.00
CROPS	503.1	555.8	505.8	601.1	707.1	722.8	842.1	996.7	1165.6	1227.3
PERCENTAGE CHANGE	59.21	10.47	-9.00	18.86	17.63	2.21	16.51	18.36	16.94	5.29
MEAT ANIMALS	412.9	226.6	366.9	405.5	387.6	566.6	607.5	507.3	419.6	439.2
PERCENTAGE CHANGE	24.75	-45.13	61.93	10.51	-4.41	46.20	7.21	-16.49	-17.29	4.67
DAIRY PRODUCTS	133.3	156.1	168.8	193.8	206.3	214.7	244.1	288.6	311.7	326.6
PERCENTAGE CHANGE	8.38	17.09	8.13	14.81	6.46	4.07	13.66	18.25	7.99	4.79
POULTRY AND EGGS	94.1	76.2	75.4	81.1	90.9	90.0	102.6	108.9	116.2	119.4
PERCENTAGE CHANGE	53.39	-19.09	-1.00	7.52	12.09	-0.94	14.01	6.13	6.67	2.82
EXPENSES	416.4	371.8	525.1	546.1	689.0	707.2	784.1	989.1	858.4	1219.7
PERCENTAGE CHANGE	41.40	-10.71	41.22	4.00	26.17	2.65	10.87	26.14	-13.21	42.08
GROSS OUTPUT	727.1	642.8	591.8	735.4	702.9	886.9	1012.1	912.4	1153.5	892.9
PERCENTAGE CHANGE	35.42	-11.59	-7.93	24.26	-4.42	26.18	14.12	-9.85	26.43	-22.60
GROSS OUTPUT (MIL 72 $)	460.8	427.9	407.2	514.5	481.4	492.5	483.3	472.0	577.9	469.4
PERCENTAGE CHANGE	-14.18	-7.13	-4.83	26.35	-6.45	2.32	-1.87	-2.35	22.44	-18.77
FARM WAGE AND SALARY JOBS	23.7	25.4	21.3	22.3	24.3	22.3	24.3	25.3	21.6	21.5
PERCENTAGE CHANGE	-6.35	7.42	-16.45	4.73	8.96	-8.24	9.04	4.09	-14.56	-0.41

SOURCE: TENNESSEE ECONOMETRIC MODEL, CENTER FOR BUSINESS AND ECONOMIC RESEARCH, UT-KNOXVILLE.